

FMM230 Teltonika Data Sending Parameters ID

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Document updated according firmware FMB.Ver.03.29.00 and newer.

FMB AVL ID's consist of these **parameters groups**:

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Permanent I/O elements

Property ID in AVL packet	Property Name	Bytes	Type	Value range		Multiplier	Units	Description	HW Support	Parameter Group
				Min	Max					
239	Ignition	1	Unsigned	0	1	-	-	0 - Ignition Off 1 - Ignition On	FMBXXX FMB001 FMC001 FMB010 FMB002 FMB020 FMB003 FMB110 FMB120 FMB122 FMB125 FMB130 FMB140 FMB150 FMC150 FMM15 0 FMU125 FMB900 FMB920 FMB962 FMB964 FM3001 FMB202 FMB204 FMB206 FMT100 MTB100 FMP100 MSP500 FMC800 FMM80 0 FMM80 A	Permanent I/O Elements

240	Movement	1	Unsigned	0	1	-	-	0 - Movement Off 1 - Movement On	FMBXXX FMB001 FMC001 FMB010 FMB002 FMB020 FMB003 FMB110 FMB120 FMB122 FMB125 FMB130 FMB140 FMB150 FMC150 FMM15 0 FMU125 FMB900 FMB920 FMB962 FMB964 FM3001 FMB202 FMB204 FMB206 FMT100 MTB100 FMP100 MSP500 FMC800 FMM80 0 FMM80 A FMBXXX FMB001 FMC001 FMB010 FMB002 FMB020 FMB003 FMB110 FMB120 FMB122 FMB125 FMU125 FMB140 FMB150 FMC150 FMM15 0 FMB900 FMB920 FMB962 FMB964 FM3001 FMB202 FMB204 FMB206 FMT100 MTB100 FMP100 MSP500 FMC800 FMM80 0 FMM80 A	Permanent I/O elements
80	Data Mode	1	Unsigned	0	5	-	-	0 - Home On Stop 1 - Home On Moving 2 - Roaming On Stop 3 - Roaming On Moving 4 - Unknown On Stop 5 - Unknown On Moving	FMBXXX FMB001 FMC001 FMB010 FMB002 FMB020 FMB003 FMB110 FMB120 FMB122 FMB125 FMU125 FMB140 FMB150 FMC150 FMM15 0 FMB900 FMB920 FMB962 FMB964 FM3001 FMB202 FMB204 FMB206 FMT100 MTB100 FMP100 MSP500 FMC800 FMM80 0 FMM80 A	Permanent I/O Elements

21	GSM Signal	1	Unsigned	0	5	-	-	Value in range 1-5	FMBXXX FMB001 FMC001 FMB010 FMB002 FMB020 FMB003 FMB110 FMB120 FMB122 FMB125 FMU125 FMB140 FMB150 FMC150 FMM15 0 FMB900 FMB920 FMB962 FMB964 FM3001 FMB202 FMB204 FMB206 FMT100 MTB100 FMP100 MSP500 FMC800 FMM80 0 FMM80 A FMBXXX FMB001 FMC001 FMB010 FMB002 FMB020 FMB003 FMB110 FMB120 FMB122 FMB125 FMU125 FMB140 FMB150 FMC150 FMM15 0 FMB900 FMB920 FMB962 FMB964 FM3001 FMB202 FMB204 FMB206 FMT100 MTB100 FMP100 MSP500 FMC800 FMM80 0 FMM80 A	Permanent I/O Elements
200	Sleep Mode	1	Unsigned	0	4	-	-	0 - No Sleep 1 - GPS Sleep 2 - Deep Sleep 3 - Online Sleep 4 - Ultra Sleep	FMBXXX FMB001 FMC001 FMB010 FMB002 FMB020 FMB003 FMB110 FMB120 FMB122 FMB125 FMU125 FMB140 FMB150 FMC150 FMM15 0 FMB900 FMB920 FMB962 FMB964 FM3001 FMB202 FMB204 FMB206 FMT100 MTB100 FMP100 MSP500 FMC800 FMM80 0 FMM80 A	Permanent I/O Elements

69	GNSS Status	1	Unsigned	0	3	-	-	0 - GNSS OFF 1 - GNSS ON with fix 2 - GNSS ON without fix 3 - GNSS sleep	FMBXXX FMB001 FMC001 FMB010 FMB002 FMB020 FMB003 FMB110 FMB120 FMB122 FMB125 FMU125 FMB140 FMB150 FMC150 FMM15 0 FMB900 FMB920 FMB962 FMB964 FM3001 FMB202 FMB204 FMB206 FMT100 MTB100 FMP100 MSP500 FMC800 FMM80 0 FMM80 A FMBXXX FMB001 FMC001 FMB010 FMB002 FMB020 FMB003 FMB110 FMB120 FMB122 FMB125 FMU125 FMB140 FMB150 FMC150 FMM15 0 FMB900 FMB920 FMB962 FMB964 FM3001 FMB202 FMB204 FMB206 FMT100 MTB100 FMP100 MSP500 FMC800 FMM80 0 FMM80 A	Permanent I/O Elements
181	GNSS PDOP	2	Unsigned	0	500	0.1		Coefficient, calculation formula	FMBXXX FMB001 FMC001 FMB010 FMB002 FMB020 FMB003 FMB110 FMB120 FMB122 FMB125 FMU125 FMB140 FMB150 FMC150 FMM15 0 FMB900 FMB920 FMB962 FMB964 FM3001 FMB202 FMB204 FMB206 FMT100 MTB100 FMP100 MSP500 FMC800 FMM80 0 FMM80 A	Permanent I/O Elements

182	GNSS HDOP	2	Unsigned	0	500	0.1	Coefficient, calculation formula	FMBXXX FMB001 FMC001 FMB010 FMB002 FMB020 FMB003 FMB110 FMB120 FMB122 FMB125 FMU125 FMB140 FMB150 FMC150 FMM15 0 FMB900 FMB920 FMB962 FMB964 FM3001 FMB202 FMB204 FMB206 FMT100 MTB100 FMP100 MSP500 EMC800 FMM80 0 FMM80 A FMBXXX FMB001 FMC001 FMB010 FMB002 FMB020 FMB003 FMB110 FMB120 FMB122 FMB125 FMB130 FMB140 FMB150 FMC150 FMM15 0 FMU125 FMB900 FMB920 FMB962 FMB964 FM3001 FMB202 FMB204 FMB206 FMT100 MTB100 FMP100 MSP500 EMC800 FMM80 0 FMM80 A	Permanent I/O Elements
66	External Voltage	2	Unsigned	0	65535	0.001	V Voltage	0 FMU125 FMB900 FMB920 FMB962 FMB964 FM3001 FMB202 FMB204 FMB206 FMT100 MTB100 FMP100 MSP500 EMC800 FMM80 0 FMM80 A	Permanent I/O elements

										FMBXXX FMB001 FMC001 FMB010 FMB002 FMB020 FMB003 FMB110 FMB120 FMB122 FMB125 FMU125 FMB140 FMB150 FMC150 FMM15 0 FMB900 FMB920 FMB962 FMB964 FM3001 FMB202 FMB204 FMB206 FMT100 MTB100 FMP100 MSP500 FMC800 FMM80 0 FMM80 A	
24	Speed	2	Unsigned	0	350	-	km/h	GNSS Speed		Permanent I/O elements	
									FMBXXX FMB001 FMC001 FMB010 FMB002 FMB020 FMB003 FMB110 FMB120 FMB122 FMB125 FMU125 FMB140 FMB150 FMC150 FMM15 0 FMB900 FMB920 FMB962 FMB964 FM3001 FMB202 FMB204 FMB206 FMT100 MTB100 FMP100 MSP500 FMC800 FMM80 0 FMM80 A		
205	GSM Cell ID	2	Unsigned	0	65535	-	-	GSM base station ID		Permanent I/O elements	

206	GSM Area Code	2	Unsigned	0	65535	-	-	Location Area code (LAC), it depends on GSM operator. It provides unique number which assigned to a set of base GSM stations.	FMBXXX FMB001 FMC001 FMB010 FMB002 FMB020 FMB003 FMB110 FMB120 FMB122 FMB125 FMU125 FMB140 FMB150 FMC150 FMM15 0 FMB900 FMB920 FMB962 FMB964 FM3001 FMB202 FMB204 FMB206 FMT100 MTB100 FMP100 MSP500 FMC800 FMM80 0 FMM80 A	Permanent I/O elements
67	Battery Voltage	2	Unsigned	0	65535	0.001	V	Voltage	FMBXXX FMB001 FMC001 FMB010 FMB120 FMB122 FMB125 FMB130 FMB140 FMB150 FMC150 FMM15 0 FMB920 FMB962 FMB964 FM3001 FMB202 FMB204 FMB206 FMT100 MTB100 FMC800 FMM80 0 FMM80 A	Permanent I/O elements

										FMBXXX FMB001 FMC001 FMB010 FMB120 FMB122 FMB125 FMU125 FMC125 FMM12 5 FMB130 FMU130 FMC130 FMM13 0 FMB920 FMB962 FMB964 FM3001 FMB202 FMB204 FMB206 FMT100 MTB100 FMB140 FMC800 FMM80 0 FMM80 A	Permanent I/O elements
68	Battery Current	2	Unsigned	0	65535	0.001	A	Current			
										FMBXXX FMB001 FMC001 FMB010 FMB002 FMB020 FMB003 FMB110 FMB120 FMB122 FMB125 FMU125 FMB140 FMB150 FMC150 FMM15 0 FMB900 FMB920 FMB962 FMB964 FM3001 FMB202 FMB204 FMB206 FMT100 MTB100 FMP100 MSP500 FMC800 FMM80 0 FMM80 A	Permanent I/O elements
241	Active GSM Operator	4	Unsigned	0	42949 67295	-	-	Currently used GSM Operator code			

										FMBXXX FMB001 FMC001 FMB010 FMB002 FMB020 FMB003 FMB110 FMB120 FMB122 FMB125 FMU125 FMB140 FMB150 FMC150 FMM15 0 FMB900 FMB920 FMB962 FMB964 FM3001 FMB202 FMB204 FMB206 FMT100 MTB100 FMP100 MSP500 EMC800 FMM80 0 FMM80 A	
199	Trip Odometer	4	Unsigned	0	21474 83647	-	m	Trip Odometer value		Permanent I/O elements	
										FMBXXX FMB001 FMC001 FMB010 FMB002 FMB020 FMB003 FMB110 FMB120 FMB122 FMB125 FMU125 FMB140 FMB150 FMC150 FMM15 0 FMB900 FMB920 FMB962 FMB964 FM3001 FMB202 FMB204 FMB206 FMT100 MTB100 FMP100 MSP500 EMC800 FMM80 0 FMM80 A	
16	Total Odometer	4	Unsigned	0	21474 83647	-	-	Total Odometer value in meters		Permanent I/O elements	

										FMBXXX FMB001 FMC001 FMB010 FMB110 FMB120 FMB122 FMB125 FMU125 FMC125 FMM12 5 FMB130 FMU130 FMC130 FMM13 0 FMB140 FMB150 FMC150 FMM15 0 FMB900 FMB920 FMB962 FMB964 FMB202 FMB204 FMB206 MTB100	
1	Digital Input 1	1	Unsigned	0	1	-	-	Logic: 0/1		Permanent I/O elements	
									FMBXXX FMB001 FMB010 FMB110 FMB120 FMB122 FMB125 FMU125 FMC125 FMM12 5 FMB130 FMU130 FMC130 FMM13 0 FMB140 FMB900 FMB920 FMB962 FMB964 FMB202 FMB204 FMB206 MTB100		
9	Analog Input 1	2	Unsigned	0	65535	0.001	V	Voltage		Permanent I/O elements	
									FMBXXX FMB110 FMB120 FMB122 FMB125 FMU125 FMC125 FMM12 5 FMB130 FMU130 FMC130 FMM13 0 FMB140 FMB900 FMB920 FMB962 FMB964 FMB202 FMB204 FMB206 MTB100		
									FMBXXX FMB110 FMB120 FMB122 FMB125 FMU125 FMC125 FMM12 5 FMB130 FMU130 FMC130 FMM13 0 FMB140 FMB900 FMB920 FMB962 FMB964 FMB202 FMB204 FMB206 MTB100		
179	Digital Output 1	1	Unsigned	0	1	-	-	Logic: 0/1		Permanent I/O elements	
									FMBXXX FMB110 FMB120 FMB122 FMB125 FMU125 FMC125 FMM12 5 FMB130 FMU130 FMC130 FMM13 0 FMB140 FMB150 FMC150 FMM15 0 FMB900 FMB920 FMB962 FMB964 FMB202 FMB204 FMB206 MTB100		

										FMBXXX FMB001 FMC001 FMB010 FMB110 FMB120 FMB122 FMB125 FMU125 FMC125 FMM12 5 FMB130 FMU130 FMC130 FMM13 0 FMB140 FMB900 FMB920 FMB962 FMB964 FM3001 FMB202 FMB204 FMB206 FMT100 MTB100 FMC800 FMM80 0 FMM80 A FMBXXX FMB001 FMC001 FMB010 FMB110 FMB120 FMB122 FMB125 FMU125 FMC125 FMM12 5 FMB130 FMU130 FMC130 FMM13 0 FMB140 FMB900 FMB920 FMB962 FMB964 FM3001 FMB202 FMB204 FMB206 FMT100 MTB100 FMC800 FMM80 0 FMM80 A	Permanent I/O elements
12	Fuel Used GPS	4	Unsigned	0	42949 67295	0.001	1	Fuel Used			
13	Fuel Rate GPS	2	Unsigned	0	32767	0.01	1/100k m	Average Fuel Use			

										FMBXXX FMB001 FMC001 FMB010 FMB002 FMB020 FMB003 FMB110 FMB120 FMB122 FMB125 FMU125 FMB140 FMB150 FMC150 FMM15 0 FMB900 FMB920 FMB962 FMB964 FM3001 FMB202 FMB204 FMB206 FMT100 MTB100 FMP100 MSP500 FMC800 FMM80 0 FMM80 A FMBXXX FMB001 FMC001 FMB010 FMB002 FMB020 FMB003 FMB110 FMB120 FMB122 FMB125 FMU125 FMB140 FMB150 FMC150 FMM15 0 FMB900 FMB920 FMB962 FMB964 FM3001 FMB202 FMB204 FMB206 FMT100 MTB100 FMP100 MSP500 FMC800 FMM80 0 FMM80 A	Permanent I/O elements
17	Axis X	2	Signed	-8000	8000	-	mG	X axis value			
18	Axis Y	2	Signed	-8000	8000	-	mG	Y axis value			

										FMBXXX FMB001 FMC001 FMB010 FMB002 FMB020 FMB003 FMB110 FMB120 FMB122 FMB125 FMU125 FMB140 FMB150 FMC150 FMM15 0 FMB900 FMB920 FMB962 FMB964 FM3001 FMB202 FMB204 FMB206 FMT100 MTB100 FMP100 MSP500 FMC800 FMM80 0 FMM80 A FMBXXX FMB001 FMC001 FMB010 FMB002 FMB020 FMB003 FMB110 FMB120 FMB122 FMB125 FMU125 FMB140 FMB150 FMC150 FMM15 0 FMB900 FMB920 FMB962 FMB964 FM3001 FMB202 FMB204 FMB206 FMT100 MTB100 FMP100 MSP500 FMC800 FMM80 0 FMM80 A	Permanent I/O elements
19	Axis Z	2	Signed	-8000	8000	-	mG	Z axis value			
11	ICCID1	8	Unsigned	0	0xffffffff	-	-	Value of SIM ICCID, MSB			

10	SD Status	1	Unsigned	0	1	-	-	0 - not present 1 - present	FMBXXX FMB001 FMB010 FMB110 FMB120 FMB122 FMB125 FMU125 FMC125 FMB130 FMU130 FMC130 FMB900 FMB920 FMB962 FMB964 FM3001 FMB202 FMB204 FMB206 FMT100 FMBXXX FMB900 FMB910 FMB920 FMC920 FMM92 0 FMB110 FMB120 FMB122 FMB125 FMU125 FMC125 FMM12 5 FMB130 FMU130 FMC130 FMM13 0 FMB140 FMB150 FMC150 FMM15 0 FMB202 FMB204 FMB206 FMB640 FMBXXX FMB110 FMB120 FMB122 FMB140 FMB150 FMC150 FMM15 0 FMB202 FMB204 FMB206 FMB640 FMBXXX FMB110 FMB120 FMB122 FMB130 FMU130 FMC130 FMM13 0 FMB140	Permanent I/O elements
2	Digital Input 2	1	Unsigned	0	1	-	-	Logic: 0/1	FMM12 5 FMB130 FMU130 FMC130 FMM13 0 FMB140 FMB150 FMC150 FMM15 0 FMB202 FMB204 FMB206 FMB640 FMBXXX FMB110 FMB120 FMB122 FMB140 FMB150 FMC150 FMM15 0 FMB202 FMB204 FMB206 FMB640 FMBXXX FMB110 FMB120 FMB122 FMB140 FMB150 FMC150 FMM15 0 FMB202 FMB204 FMB206 FMB640 FMBXXX FMB110 FMB120 FMB122 FMB130 FMU130 FMC130 FMM13 0 FMB140	Permanent I/O elements
3	Digital Input 3	1	Unsigned	0	1	-	-	Logic: 0/1	FMM12 5 FMB130 FMU130 FMC130 FMM13 0 FMB140 FMB150 FMC150 FMM15 0 FMB202 FMB204 FMB206 FMB640 FMBXXX FMB110 FMB120 FMB122 FMB140 FMB150 FMC150 FMM15 0 FMB202 FMB204 FMB206 FMB640 FMBXXX FMB110 FMB120 FMB122 FMB140 FMB150 FMC150 FMM15 0 FMB202 FMB204 FMB206 FMB640 FMBXXX FMB110 FMB120 FMB122 FMB130 FMU130 FMC130 FMM13 0 FMB140	Permanent I/O elements
6	Analog Input 2	2	Unsigned	0	65535	0.001	V	Voltage	FMM12 5 FMB130 FMU130 FMC130 FMM13 0 FMB140	Permanent I/O elements

180	Digital Output 2	1	Unsigned	0	1	-	-	Logic 0/1	FMBXXX FMB110 FMB120 FMB122 FMB130 FMU130 FMC130 FMM13 0 FMB140 FMB150 FMC150 FMM15 0 FMB202 FMB204 FMB206	Permanent I/O elements
72	Dallas Temperature 1	4	Signed	-550	1150	0.1	°C	Degrees (°C), -55 - +115, if 850 - Sensor not ready if 2000 - Value read error if 3000 - Not connected if 4000 - ID failed if 5000 - same as 850	FMBXXX FMB110 FMB120 FMB122 FMB125 FMU125 FMC125 FMM12 5 FMB130 FMB140 FMB150 FMC150 FMM15 0 FMU130 FMC130 FMM13 0 FMB202 FMB204 FMB206	Permanent I/O elements
73	Dallas Temperature 2	4	Signed	-550	1150	0.1	°C	Degrees (°C), -55 - +115, if 850 - Sensor not ready if 2000 - Value read error if 3000 - Not connected if 4000 - ID failed if 5000 - same as 850	FMBXXX FMB110 FMB120 FMB122 FMB125 FMU125 FMC125 FMM12 5 FMB130 FMB140 FMB150 FMC150 FMM15 0 FMU130 FMC130 FMM13 0 FMB202 FMB204 FMB206	Permanent I/O elements
74	Dallas Temperature 3	4	Signed	-550	1150	0.1	°C	Degrees (°C), -55 - +115, if 850 - Sensor not ready if 2000 - Value read error if 3000 - Not connected if 4000 - ID failed if 5000 - same as 850	FMBXXX FMB110 FMB120 FMB122 FMB125 FMU125 FMC125 FMM12 5 FMB130 FMB140 FMB150 FMC150 FMM15 0 FMU130 FMC130 FMM13 0 FMB202 FMB204 FMB206	Permanent I/O elements

75	Dallas Temperature 4	4	Signed	-550	1150	0.1	°C	Degrees (°C), -55 - +115, if 850 - Sensor not ready if 2000 - Value read error if 3000 - Not connected if 4000 - ID failed if 5000 - same as 850	FMBXXX FMB110 FMB120 FMB122 FMB125 FMU125 EMC125 FMM12 5 FMB130 FMB140 FMB150 FMC150 FMM15 0 FMU130 EMC130 FMM13 0 FMB202 FMB204 FMB206	Permanent I/O elements
76	Dallas Temperature ID 1	8	Unsigned	0	0xffffffff	-	-	Dallas sensor ID	FMBXXX FMB110 FMB120 FMB122 FMB125 FMU125 EMC125 FMM12 5 FMB130 FMB140 FMB150 FMC150 FMM15 0 FMU130 EMC130 FMM13 0 FMB202 FMB204 FMB206	Permanent I/O elements
77	Dallas Temperature ID 2	8	Unsigned	0	0xffffffff	-	-	Dallas sensor ID	FMBXXX FMB110 FMB120 FMB122 FMB125 FMU125 EMC125 FMM12 5 FMB130 FMB140 FMB150 FMC150 FMM15 0 FMU130 EMC130 FMM13 0 FMB202 FMB204 FMB206	Permanent I/O elements
79	Dallas Temperature ID 3	8	Unsigned	0	0xffffffff	-	-	Dallas sensor ID	FMBXXX FMB110 FMB120 FMB122 FMB125 FMU125 EMC125 FMM12 5 FMB130 FMB140 FMB150 FMC150 FMM15 0 FMU130 EMC130 FMM13 0 FMB202 FMB204 FMB206	Permanent I/O elements

											FMBXXX FMB110 FMB120 FMB122 FMB125 FMU125 FMC125 FMM12 5 FMB130 FMB140 FMB150 FMC150 FMM15 0 FMU130 FMC130 FMM13 0 FMB202 FMB204 FMB206	
71	Dallas Temperature ID 4	8	Unsigned	0	0xffffffff ffffffff	-	-	Dallas sensor ID			FMBXXX FMB110 FMB120 FMB122 FMB125 FMU125 FMC125 FMM12 5 FMB130 FMB140 FMB150 FMC150 FMM15 0 FMU130 FMC130 FMM13 0 FMB202 FMB204 FMB206	Permanent I/O elements
											FMBXXX FMB110 FMB120 FMB122 FMB125 FMU125 FMC125 FMM12 5 FMB130 FMB140 FMB150 FMC150 FMM15 0 FMU130 FMC130 FMM13 0 FMB202 FMB204 FMB206	
78	iButton	8	Unsigned	0	0xffffffff ffffffff	-	-	iButton ID			FMBXXX FMB110 FMB120 FMB122 FMB125 FMU125 FMC125 FMM12 5 FMB130 FMB140 FMB150 FMC150 FMM15 0 FMU130 FMC130 FMM13 0 FMB202 FMB204 FMB206	Permanent I/O elements
											FMB125 FMB125 FMU125 FMC125 FMM12 5 FMB125 FMB125 FMU125 FMC125 FMM12 5 FMB125 FMB125 FMU125 FMC125 FMM12 5	
207	RFID	8	Unsigned	0	0xffffffff ffffffff	-	-	RFID ID			FMB125 FMB125 FMU125 FMC125 FMM12 5 FMB125 FMB125 FMU125 FMC125 FMM12 5 FMB125 FMB125 FMU125 FMC125 FMM12 5	Permanent I/O elements
											FMB125 FMB125 FMU125 FMC125 FMM12 5 FMB125 FMB125 FMU125 FMC125 FMM12 5 FMB125 FMB125 FMU125 FMC125 FMM12 5	
201	LLS 1 Fuel Level	2	Signed	-4	32767	-	kvants or ltr	Fuel level measured by LLS sensor via RS232/RS485			FMB125 FMB125 FMU125 FMC125 FMM12 5 FMB125 FMB125 FMU125 FMC125 FMM12 5 FMB125 FMB125 FMU125 FMC125 FMM12 5	Permanent I/O elements
											FMB125 FMB125 FMU125 FMC125 FMM12 5 FMB125 FMB125 FMU125 FMC125 FMM12 5 FMB125 FMB125 FMU125 FMC125 FMM12 5	
202	LLS 1 Temperature	1	Signed	-128	127	-	°C	Fuel temperature measured by LLS via RS232/RS485			FMB125 FMB125 FMU125 FMC125 FMM12 5 FMB125 FMB125 FMU125 FMC125 FMM12 5 FMB125 FMB125 FMU125 FMC125 FMM12 5	Permanent I/O elements
											FMB125 FMB125 FMU125 FMC125 FMM12 5 FMB125 FMB125 FMU125 FMC125 FMM12 5 FMB125 FMB125 FMU125 FMC125 FMM12 5	
203	LLS 2 Fuel Level	2	Signed	-4	32767	-	kvants or ltr	Fuel level measured by LLS sensor via RS485			FMB125 FMB125 FMU125 FMC125 FMM12 5 FMB125 FMB125 FMU125 FMC125 FMM12 5 FMB125 FMB125 FMU125 FMC125 FMM12 5	Permanent I/O elements
											FMB125 FMB125 FMU125 FMC125 FMM12 5 FMB125 FMB125 FMU125 FMC125 FMM12 5 FMB125 FMB125 FMU125 FMC125 FMM12 5	
204	LLS 2 Temperature	1	Signed	-128	127	-	°C	Fuel temperature measured by LLS via RS485			FMB125 FMB125 FMU125 FMC125 FMM12 5 FMB125 FMB125 FMU125 FMC125 FMM12 5 FMB125 FMB125 FMU125 FMC125 FMM12 5	Permanent I/O elements
											FMB125 FMB125 FMU125 FMC125 FMM12 5 FMB125 FMB125 FMU125 FMC125 FMM12 5 FMB125 FMB125 FMU125 FMC125 FMM12 5	
210	LLS 3 Fuel Level	2	Unsigned	-4	32767	-	kvants or ltr	Fuel level measured by LLS sensor via RS485			FMB125 FMB125 FMU125 FMC125 FMM12 5 FMB125 FMB125 FMU125 FMC125 FMM12 5 FMB125 FMB125 FMU125 FMC125 FMM12 5	Permanent I/O elements
											FMB125 FMB125 FMU125 FMC125 FMM12 5 FMB125 FMB125 FMU125 FMC125 FMM12 5 FMB125 FMB125 FMU125 FMC125 FMM12 5	
211	LLS 3 Temperature	1	Signed	-128	127	-	°C	Fuel temperature measured by LLS via RS485			FMB125 FMB125 FMU125 FMC125 FMM12 5 FMB125 FMB125 FMU125 FMC125 FMM12 5 FMB125 FMB125 FMU125 FMC125 FMM12 5	Permanent I/O elements
											FMB125 FMB125 FMU125 FMC125 FMM12 5 FMB125 FMB125 FMU125 FMC125 FMM12 5	

212	LLS 4 Fuel Level	2	Signed	-4	32767	-	kvants or ltr	Fuel level measured by LLS sensor via RS485	FMB125 FMB125 FMU125 FMC125 FMM125	Permanent I/O elements
213	LLS 4 Temperature	1	Signed	-128	127	-	°C	Fuel temperature measured by LLS via RS485	FMB125 FMB125 FMU125 FMC125 FMM125	Permanent I/O elements
214	LLS 5 Fuel Level	2	Signed	-4	32767	-	kvants or ltr	Fuel level measured by LLS sensor via RS485	FMB125 FMB125 FMU125 FMC125 FMM125	Permanent I/O elements
215	LLS 5 Temperature	1	Signed	-128	127	-	°C	Fuel temperature measured by LLS via RS485	FMB125 FMB125 FMU125 FMC125 FMM125	Permanent I/O elements
15	Eco Score	2	Unsigned	0	65535	0.01	-	Average amount of events on some distance	FMBXXX FMB001 FMC001 FMB010 FMB110 FMB120 FMB122 FMB125 FMU125 FMC125 FMM125 FMM125 FMB130 FMU130 FMC130 FMM130 FMB140 FMB150 FMC150 FMM150	Permanent I/O elements
113	Battery Level	1	Unsigned	0	100	-	%	Battery capacity level	FMB900 FMB920 FMB962 FMB964 FM3001 FMB202 FMB204 FMB206 FMT100 MTB100 FMC800 FMM800 FMM800 FMM800 FMBXXX FMB001 FMC001 FMB010 FMB120 FMB122 FMB125 FMB130 FMB140 FMB150 FMC150 FMM150	Permanent I/O elements

238	User ID	8	Unsigned	0	0xffffffff	-	-	MAC address of NMEA receiver device connected via Bluetooth	FMBXXX FMB001 FMC001 FMB010 FMB110 FMB120 FMB122 FMB125 FMB130 FMB140 FMB150 FMC150 FMM150 FMB900 FMB920 FMB202 FMB204 FMB206 FMT100 FMP100 FMC001 FMC125 FMC130 FMC920 FMM001 FMM125 FMM130 FMC800 FMM800 FMM80A FMC880 FMM880 FMM920 FMC250 FMBXXX FM3001 FMU125 FMU126 FMU130 FMC125 FMC130 FMC150 FMM125 FMM130 FMM150 FMC001 FMM001 FMC800 FMM800 FMC880 FMM880 FMM80A FMBXXX FMB110 FMB120 FMB122 FMB125 FMU125 FMC125 FMM125 FMB130 FMU130 FMC130 FMM130	Permanent I/O elements
237	Network Type	1	Unsigned	0	1	-	-	0 - 3G 1 - GSM 2 - 4G 3 - LTE CAT M1 4 - LTE CAT NB1 99 - Unknown	FMM130 FMM150 FMC001 FMM001 FMC800 FMM800 FMC880 FMM880 FMM80A FMBXXX FMB110 FMB120 FMB122 FMB125 FMU125 FMC125 FMM125 FMB130 FMU130 FMC130 FMM130	Permanent I/O elements
4	Pulse Counter Din1	4	Unsigned	0	4294967295	-	-	Counts pulses, count is reset when records are saved	FMBXXX FMB110 FMB120 FMB122 FMB125 FMU125 FMC125 FMM125 FMB130 FMU130 FMC130 FMM130	Permanent I/O elements

5	Pulse Counter Din2	4	Unsigned	0	42949 67295	-	-	Counts pulses, count is reset when records are saved	FMBXXX FMB110 FMB120 FMB122 FMB130 FMU130 FMC130 FMM13 0	Permanent I/O elements
263	BT Status	1	Unsigned	0	4	-	-	0 - BT is disabled 1 - BT Enabled, not device connected 2 - Device connected, BTv3 Only 3 - Device connected, BLE only 4 - Device connected, BLE + BT	FMBXXX FMB001 FMC001 FMB010 FMB110 FMB120 FMB122 FMB125 FMU125 FMC125 FMM12 5 FMB130 FMU130 FMC130 FMM13 0 FMB140 FMB150 FMC150 FMM15 0 FMB900 FMB920 FMB962 FMB964 FM3001 FMB202 FMB204 FMB206 FMT100 MTB100 FMC800 FMM80 0 FMM80 A FMBXXX FMB001 FMB010 FMB110 FMB120 FMB122 FMB125 FMU125 FMC125 FMM12 5 FMB130 FMU130 FMC130 FMM13 0 FMB140 FMB150 FMC150 FMM15 0 FMB900 FMB920 FMB962 FMB964 FM3001 FMB202 FMB204 FMB206 FMT100 MTB100	Permanent I/O elements
264	Barcode ID	Variable	ASCII	0	32	-	-	Barcode ID	FMBXXX FMB001 FMB010 FMB110 FMB120 FMB122 FMB125 FMU125 FMC125 FMM12 5 FMB130 FMU130 FMC130 FMM13 0 FMB140 FMB150 FMC150 FMM15 0 FMB900 FMB920 FMB962 FMB964 FM3001 FMB202 FMB204 FMB206 FMT100 MTB100	

										FMBXXX	
										FMB001	
										FMC001	
										FMB010	
										FMB110	
										FMB120	
										FMB122	
										FMB125	
										FMU125	
										FMC125	
										FMM12	
										5	
										FMB130	
										FMU130	
										FMC130	
303	Instant Movement	1	Unsigned	0	1	-	-	Logic: 0/1 returns movement value		FMM13	Permanent I/O elements
										0	
										FMB140	
										FMB150	
										FMC150	
										FMM15	
										0	
										FMB900	
										FMB920	
										FMB962	
										FMB964	
										FM3001	
										FMB202	
										FMB204	
										FMB206	
										FMT100	
										MTB100	
										FMB125	
										FMB125	
327	UL202-02 Sensor Fuel level	2	Signed	-150	32767	0.1	mm	UL202-02 Sensor Fuel level		FMU125	Permanent I/O elements
										FMC125	
										FMM12	
										5	
										FMB125	
										FMB125	
483	UL202-02 Sensor Status	1	Unsigned	0	255	-	-	UL202-02 sensor status codes		FMU125	Permanent I/O elements
										FMC125	
										FMM12	
										5	
										FMBXXX	
										FMB130	
										FMU130	
380	Digital output 3	1	Unsigned	0	1	-	-	Logic: 0/1		FMC130	Permanent I/O elements
										FMC150	
										FMM13	
										0	
										FMB130	
										FMU130	
										FMC130	
381	Ground Sense	1	Unsigned	0	1	-	-	Logic: 0/1		FMM13	Permanent I/O elements
										0	
										FMB140	

Index	Field Name	Length	Encoding	Unsigned	Zero	Max Value	Min Value	Description	Permanent I/O elements
387	ISO6709 Coordinates	34	HEX	0	0x7ffffffffff	-	-	ISO6709 Coordinates Latitude, Longitude (in Degrees, Minutes and Seconds) and Altitude: IO value format: ±DDMMSS.SSSS±DDMMSS.SSSS±AAA.AAA/	FMBXXX FMB001 FMC001 FMB010 FMB002 FMB020 FMB003 FMB110 FMB120 FMB122 FMB125 FMU125 FMC125 FMB130 FMU130 FMC130 FMB140 FMB150 FMC150 FMM15 0 FMB900 FMB920 FMB910 FMB962 FMB964 FM3001 FMB202 FMB204 FMB206 FMT100 MTB100 FMP100 FMB140 MSP500 FMC800 FMM80 0 FMM80 A
636	UMTS/LTE Cell ID	4	Unsigned	0	0xFFFFFFF	-	-		FMBXXX FMU125 FMU126 FMU130 FMC001 FMC125 FMC130 FMM00 1 FMM12 5 FMM13 0 FMC150 FMM15 0 FMC800 FMM80 0 FMM80 A
403	Driver Name	35	Unsigned	-	-	-	-	Driver name extracted from card, displayed without delimiters (\$ signs) None - 0	FMBXXX FMU126
404	Driver card license type	1	Unsigned	0	8	-	-	B.1 license type - 1 B.2 license type - 2 B.3 license type - 3 B.4 license type - 4 T.1 license type - 5 T.2 license type - 6 T.3 license type - 7 T.4 license type - 8	FMBXXX FMU126
405	Driver Gender	1	Unsigned	0	2	-	-	None - 0 Male - 1 Female - 2	FMBXXX FMU126
406	Driver Card ID	4	Unsigned	0	4294967295	-	-	None - 0 Male - 1 Female - 2	FMBXXX FMU126
407	Driver card expiration date	1	Unsigned	0	9999	-	-		FMBXXX FMU126
408	Driver Card place of issue	4	Unsigned	0	65535	-	-	Extracted from card	FMBXXX FMU126
409	Driver Status Event	1	Unsigned	0	2	-	-	Registered - 0 Deregistered - 1 Swapping - 2	FMBXXX FMU126

329	AIN Speed	2	Unsigned	0	65535	-	-		MSP500	Permanent I/O elements
500	MSP500 vendor name	40	ASCII	0	40	-	-	Name of the integrator who installed the device	MSP500	Permanent I/O elements
501	MSP500 vehicle number	40	ASCII	0	40	-	-	Vehicle number on which the device is installed	MSP500	Permanent I/O elements
502	MSP500 speed sensor	1	unsigned	0	1	-	-	Status of the speed sensor	MSP500	Permanent I/O elements
637	Wake Reason	1	Unsigned	0	1	-	-	True if device was woken by RTC alarm	FMB965	Permanent I/O elements
									FMBXXX	
									[Expand]	
									FMB001	
									FMB010	
									FMB100	
									FMB110	
									FMB120	
									FMB122	
									FMB125	
									FMB130	
									FMB900	
									FMB920	
									FMB962	
									FMB964	
									FM3001	
									FM3010	
									FMB202	
									FMB204	
									FMB206	
									FMB207	
									FMT100	
									MTB100	
10800	EYE Temperature 1	2	Signed	-32768	32767	0.01	°C	Temperature measured by EYE Sensor 1	TMT250	Permanent I/O elements
									GH5200	
									FMB140	
									FMB020	
									FMB002	
									FMB003	
									FMU120	
									FMU122	
									FMU125	
									FMU126	
									FMU130	
									FMC120	
									FMC122	
									FMC125	
									FMC130	
									FMM12	
									5	
									FMM13	
									0	
									FMC001	
									FMM00	
									1	
									TFT100	
									FMB910	

10801 EYE Temperature 2 2 Signed -32768 32767 0.01 °C Temperature measured by EYE Sensor 2

[FMBXXX](#)
[\[Expand\]](#)
[FMB001](#)
[FMB010](#)
[FMB100](#)
[FMB110](#)
[FMB120](#)
[FMB122](#)
[FMB125](#)
[FMB130](#)
[FMB900](#)
[FMB920](#)
[FMB962](#)
[FMB964](#)
[FM3001](#)
[FM3010](#)
[FMB202](#)
[FMB204](#)
[FMB206](#)
[FMB207](#)
[FMT100](#)
[MTB100](#)
[TMT250](#)
[GH5200](#)
[FMB140](#)
[FMB020](#)
[FMB002](#)
[FMB003](#)
[FMU120](#)
[FMU122](#)
[FMU125](#)
[FMU126](#)
[FMU130](#)
[FMC120](#)
[FMC122](#)
[FMC125](#)
[FMC130](#)
[FMM12](#)
[5](#)
[FMM13](#)
[0](#)
[FMC001](#)
[FMM00](#)
[1](#)
[TFT100](#)
[FMB910](#)

Permanent I/O
elements

10802 EYE Temperature 3 2 Signed -32768 32767 0.01 °C Temperature measured by EYE Sensor 3

- [FMBXXX](#)
- [\[Expand\]](#)
- [FMB001](#)
- [FMB010](#)
- [FMB100](#)
- [FMB110](#)
- [FMB120](#)
- [FMB122](#)
- [FMB125](#)
- [FMB130](#)
- [FMB900](#)
- [FMB920](#)
- [FMB962](#)
- [FMB964](#)
- [FM3001](#)
- [FM3010](#)
- [FMB202](#)
- [FMB204](#)
- [FMB206](#)
- [FMB207](#)
- [FMT100](#)
- [MTB100](#)
- [TMT250](#)
- [GH5200](#)
- [FMB140](#)
- [FMB020](#)
- [FMB002](#)
- [FMB003](#)
- [FMU120](#)
- [FMU122](#)
- [FMU125](#)
- [FMU126](#)
- [FMU130](#)
- [FMC120](#)
- [FMC122](#)
- [FMC125](#)
- [FMC130](#)
- [FMM12](#)
- [5](#)
- [FMM13](#)
- [0](#)
- [FMC001](#)
- [FMM00](#)
- [1](#)
- [TFT100](#)
- [FMB910](#)

Permanent I/O elements

10803 EYE Temperature 4 2 Signed -32768 32767 0.01 °C Temperature measured by EYE Sensor 4

[FMBXXX](#)
[\[Expand\]](#)
[FMB001](#)
[FMB010](#)
[FMB100](#)
[FMB110](#)
[FMB120](#)
[FMB122](#)
[FMB125](#)
[FMB130](#)
[FMB900](#)
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[FM3010](#)
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[FMT100](#)
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[TMT250](#)
[GH5200](#)
[FMB140](#)
[FMB020](#)
[FMB002](#)
[FMB003](#)
[FMU120](#)
[FMU122](#)
[FMU125](#)
[FMU126](#)
[FMU130](#)
[FMC120](#)
[FMC122](#)
[FMC125](#)
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[FMM12](#)
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[FMM13](#)
[0](#)
[FMC001](#)
[FMM00](#)
[1](#)
[TFT100](#)
[FMB910](#)

Permanent I/O
elements

10804 EYE Humidity 1 1 Unsigned 0 100 - % Humidity measured by EYE Sensor 1

[FMBXXX](#)
[\[Expand\]](#)
[FMB001](#)
[FMB010](#)
[FMB100](#)
[FMB110](#)
[FMB120](#)
[FMB122](#)
[FMB125](#)
[FMB130](#)
[FMB900](#)
[FMB920](#)
[FMB962](#)
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[FM3001](#)
[FM3010](#)
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[FMT100](#)
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[TMT250](#)
[GH5200](#)
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[FMB020](#)
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[FMU130](#)
[FMC120](#)
[FMC122](#)
[FMC125](#)
[FMC130](#)
[FMM12](#)
[5](#)
[FMM13](#)
[0](#)
[FMC001](#)
[FMM00](#)
[1](#)
[TFT100](#)
[FMB910](#)

Permanent I/O elements

10805 EYE Humidity 2 1 Unsigned 0 100 - % Humidity measured by EYE Sensor 2

- [FMBXXX](#)
- [\[Expand\]](#)
- [FMB001](#)
- [FMB010](#)
- [FMB100](#)
- [FMB110](#)
- [FMB120](#)
- [FMB122](#)
- [FMB125](#)
- [FMB130](#)
- [FMB900](#)
- [FMB920](#)
- [FMB962](#)
- [FMB964](#)
- [FM3001](#)
- [FM3010](#)
- [FMB202](#)
- [FMB204](#)
- [FMB206](#)
- [FMB207](#)
- [FMT100](#)
- [MTB100](#)
- [TMT250](#)
- [GH5200](#)
- [FMB140](#)
- [FMB020](#)
- [FMB002](#)
- [FMB003](#)
- [FMU120](#)
- [FMU122](#)
- [FMU125](#)
- [FMU126](#)
- [FMU130](#)
- [FMC120](#)
- [FMC122](#)
- [FMC125](#)
- [FMC130](#)
- [FMM12](#)
- [5](#)
- [FMM13](#)
- [0](#)
- [FMC001](#)
- [FMM00](#)
- [1](#)
- [TFT100](#)
- [FMB910](#)

Permanent I/O elements

10806 EYE Humidity 3 1 Unsigned 0 100 - % Humidity measured by EYE Sensor 3

[FMBXXX](#)
[\[Expand\]](#)
[FMB001](#)
[FMB010](#)
[FMB100](#)
[FMB110](#)
[FMB120](#)
[FMB122](#)
[FMB125](#)
[FMB130](#)
[FMB900](#)
[FMB920](#)
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[FM3001](#)
[FM3010](#)
[FMB202](#)
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[FMT100](#)
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[TMT250](#)
[GH5200](#)
[FMB140](#)
[FMB020](#)
[FMB002](#)
[FMB003](#)
[FMU120](#)
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[FMU125](#)
[FMU126](#)
[FMU130](#)
[FMC120](#)
[FMC122](#)
[FMC125](#)
[FMC130](#)
[FMM12](#)
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[FMM13](#)
[0](#)
[FMC001](#)
[FMM00](#)
[1](#)
[TFT100](#)
[FMB910](#)

Permanent I/O elements

10807 EYE Humidity 4 1 Unsigned 0 100 - % Humidity measured by EYE Sensor 4

[FMBXXX](#)
[\[Expand\]](#)
[FMB001](#)
[FMB010](#)
[FMB100](#)
[FMB110](#)
[FMB120](#)
[FMB122](#)
[FMB125](#)
[FMB130](#)
[FMB900](#)
[FMB920](#)
[FMB962](#)
[FMB964](#)
[FM3001](#)
[FM3010](#)
[FMB202](#)
[FMB204](#)
[FMB206](#)
[FMB207](#)
[FMT100](#)
[MTB100](#)
[TMT250](#)
[GH5200](#)
[FMB140](#)
[FMB020](#)
[FMB002](#)
[FMB003](#)
[FMU120](#)
[FMU122](#)
[FMU125](#)
[FMU126](#)
[FMU130](#)
[FMC120](#)
[FMC122](#)
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[FMC130](#)
[FMM12](#)
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[FMM13](#)
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[FMC001](#)
[FMM00](#)
[1](#)
[TFT100](#)
[FMB910](#)

Permanent I/O elements

FMBXXX
[Expand]
[FMB001](#)
[FMB010](#)
[FMB100](#)
[FMB110](#)
[FMB120](#)
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[FMB964](#)
[FM3001](#)
[FM3010](#)
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[TMT250](#)
[GH5200](#)
[FMB140](#)
[FMB020](#)
[FMB002](#)
[FMB003](#)
[FMU120](#)
[FMU122](#)
[FMU125](#)
[FMU126](#)
[FMU130](#)
[FMC120](#)
[FMC122](#)
[FMC125](#)
[FMC130](#)
[FMM12](#)
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[FMM13](#)
0
[FMC001](#)
[FMM00](#)
1
[TFT100](#)
[FMB910](#)

10808	EYE Magnet 1	1	Unsign ed	0	1	-	-	Magnet measured by EYE Sensor by EYE Sensor 1	Permanent I/O elements
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										FMBXXX [Expand] FMB001 FMB010 FMB100 FMB110 FMB120 FMB122 FMB125 FMB130 FMB900 FMB920 FMB962 FMB964 FM3001 FM3010 FMB202 FMB204 FMB206 FMB207 FMT100 MTB100 TMT250 GH5200 FMB140 FMB020 FMB002 FMB003 FMU120 FMU122 FMU125 FMU126 FMU130 FMC120 FMC122 FMC125 FMC130 FMM12 5 FMM13 0 FMC001 FMM00 1 TFT100 FMB910	
10809	EYE Magnet 2	1	Unsign ed	0	1	-	-	Magnet measured by EYE Sensor by EYE Sensor 2		Permanent I/O elements	

10810	EYE Magnet 3	1	Unsigned	0	1	-	-	Magnet measured by EYE Sensor by EYE Sensor 3	FMBXXX [Expand] FMB001 FMB010 FMB100 FMB110 FMB120 FMB122 FMB125 FMB130 FMB900 FMB920 FMB962 FMB964 FM3001 FM3010 FMB202 FMB204 FMB206 FMB207 FMT100 MTB100 TMT250 GH5200 FMB140 FMB020 FMB002 FMB003 FMU120 FMU122 FMU125 FMU126 FMU130 FMC120 FMC122 FMC125 FMC130 FMM12 5 FMM13 0 FMC001 FMM00 1 TFT100 FMB910	Permanent I/O elements
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FMBXXX
[Expand]
[FMB001](#)
[FMB010](#)
[FMB100](#)
[FMB110](#)
[FMB120](#)
[FMB122](#)
[FMB125](#)
[FMB130](#)
[FMB900](#)
[FMB920](#)
[FMB962](#)
[FMB964](#)
[FM3001](#)
[FM3010](#)
[FMB202](#)
[FMB204](#)
[FMB206](#)
[FMB207](#)
[FMT100](#)
[MTB100](#)
[TMT250](#)
[GH5200](#)
[FMB140](#)
[FMB020](#)
[FMB002](#)
[FMB003](#)
[FMU120](#)
[FMU122](#)
[FMU125](#)
[FMU126](#)
[FMU130](#)
[FMC120](#)
[FMC122](#)
[FMC125](#)
[FMC130](#)
[FMM12](#)
5
[FMM13](#)
0
[FMC001](#)
[FMM00](#)
1
[TFT100](#)
[FMB910](#)

10811	EYE Magnet 4	1	Unsign ed	0	1	-	-	Magnet measured by EYE Sensor by EYE Sensor 4	Permanent I/O elements
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10812	EYE Movement 1	1	Unsigned	0	1	-	-	Movement state measure by EYE Sensor 1	FMBXXX [Expand] FMB001 FMB010 FMB100 FMB110 FMB120 FMB122 FMB125 FMB130 FMB900 FMB920 FMB962 FMB964 FM3001 FM3010 FMB202 FMB204 FMB206 FMB207 FMT100 MTB100 TMT250 GH5200 FMB140 FMB020 FMB002 FMB003 FMU120 FMU122 FMU125 FMU126 FMU130 FMC120 FMC122 FMC125 FMC130 FMM12 5 FMM13 0 FMC001 FMM00 1 TFT100 FMB910	Permanent I/O elements
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										FMBXXX [Expand] FMB001 FMB010 FMB100 FMB110 FMB120 FMB122 FMB125 FMB130 FMB900 FMB920 FMB962 FMB964 FM3001 FM3010 FMB202 FMB204 FMB206 FMB207 FMT100 MTB100 TMT250 GH5200 FMB140 FMB020 FMB002 FMB003 FMU120 FMU122 FMU125 FMU126 FMU130 FMC120 FMC122 FMC125 FMC130 FMM12 5 FMM13 0 FMC001 FMM00 1 TFT100 FMB910	
10813	EYE Movement 2	1	Unsign ed	0	1	-	-	Movement state measure by EYE Sensor 2		Permanent I/O elements	

FMBXXX

[Expand]

[FMB001](#)

[FMB010](#)

[FMB100](#)

[FMB110](#)

[FMB120](#)

[FMB122](#)

[FMB125](#)

[FMB130](#)

[FMB900](#)

[FMB920](#)

[FMB962](#)

[FMB964](#)

[FM3001](#)

[FM3010](#)

[FMB202](#)

[FMB204](#)

[FMB206](#)

[FMB207](#)

[FMT100](#)

[MTB100](#)

[TMT250](#)

[GH5200](#)

[FMB140](#)

[FMB020](#)

[FMB002](#)

[FMB003](#)

[FMU120](#)

[FMU122](#)

[FMU125](#)

[FMU126](#)

[FMU130](#)

[FMC120](#)

[FMC122](#)

[FMC125](#)

[FMC130](#)

[FMM12](#)

[FMM13](#)

[FMM13](#)

[FMM13](#)

[FMM00](#)

[FMM00](#)

[TFT100](#)

[FMB910](#)

Permanent I/O elements

10814 EYE Movement 3 1 Unsigned 0 1 - - Movement state measure by EYE Sensor 3

10815	EYE Movement 4	1	Unsigned	0	1	-	-	Movement state measure by EYE Sensor 4	FMBXXX [Expand] FMB001 FMB010 FMB100 FMB110 FMB120 FMB122 FMB125 FMB130 FMB900 FMB920 FMB962 FMB964 FM3001 FM3010 FMB202 FMB204 FMB206 FMB207 FMT100 MTB100 TMT250 GH5200 FMB140 FMB020 FMB002 FMB003 FMU120 FMU122 FMU125 FMU126 FMU130 FMC120 FMC122 FMC125 FMC130 FMM12 5 FMM13 0 FMC001 FMM00 1 TFT100 FMB910	Permanent I/O elements
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10816 EYE Pitch 1 1 Signed -90 90 - - Pitch angle measured by EYE Sensor 1

- [FMBXXX](#)
- [\[Expand\]](#)
- [FMB001](#)
- [FMB010](#)
- [FMB100](#)
- [FMB110](#)
- [FMB120](#)
- [FMB122](#)
- [FMB125](#)
- [FMB130](#)
- [FMB900](#)
- [FMB920](#)
- [FMB962](#)
- [FMB964](#)
- [FM3001](#)
- [FM3010](#)
- [FMB202](#)
- [FMB204](#)
- [FMB206](#)
- [FMB207](#)
- [FMT100](#)
- [MTB100](#)
- [TMT250](#)
- [GH5200](#)
- [FMB140](#)
- [FMB020](#)
- [FMB002](#)
- [FMB003](#)
- [FMU120](#)
- [FMU122](#)
- [FMU125](#)
- [FMU126](#)
- [FMU130](#)
- [FMC120](#)
- [FMC122](#)
- [FMC125](#)
- [FMC130](#)
- [FMM12](#)
- [5](#)
- [FMM13](#)
- [0](#)
- [FMC001](#)
- [FMM00](#)
- [1](#)
- [TFT100](#)
- [FMB910](#)

Permanent I/O elements

10817 EYE Pitch 2 1 Signed -90 90 - - Pitch angle measured by EYE Sensor 2

[FMBXXX](#)
[\[Expand\]](#)
[FMB001](#)
[FMB010](#)
[FMB100](#)
[FMB110](#)
[FMB120](#)
[FMB122](#)
[FMB125](#)
[FMB130](#)
[FMB900](#)
[FMB920](#)
[FMB962](#)
[FMB964](#)
[FM3001](#)
[FM3010](#)
[FMB202](#)
[FMB204](#)
[FMB206](#)
[FMB207](#)
[FMT100](#)
[MTB100](#)
[TMT250](#)
[GH5200](#)
[FMB140](#)
[FMB020](#)
[FMB002](#)
[FMB003](#)
[FMU120](#)
[FMU122](#)
[FMU125](#)
[FMU126](#)
[FMU130](#)
[FMC120](#)
[FMC122](#)
[FMC125](#)
[FMC130](#)
[FMM12](#)
5
[FMM13](#)
0
[FMC001](#)
[FMM00](#)
1
[TFT100](#)
[FMB910](#)

Permanent I/O
elements

10818 EYE Pitch 3 1 Signed -90 90 - - Pitch angle measured by EYE Sensor 3

FMBXXX
[Expand]
[FMB001](#)
[FMB010](#)
[FMB100](#)
[FMB110](#)
[FMB120](#)
[FMB122](#)
[FMB125](#)
[FMB130](#)
[FMB900](#)
[FMB920](#)
[FMB962](#)
[FMB964](#)
[FM3001](#)
[FM3010](#)
[FMB202](#)
[FMB204](#)
[FMB206](#)
[FMB207](#)
[FMT100](#)
[MTB100](#)
[TMT250](#)
[GH5200](#)
[FMB140](#)
[FMB020](#)
[FMB002](#)
[FMB003](#)
[FMU120](#)
[FMU122](#)
[FMU125](#)
[FMU126](#)
[FMU130](#)
[FMC120](#)
[FMC122](#)
[FMC125](#)
[FMC130](#)
[FMM12](#)
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[FMM13](#)
0
[FMC001](#)
[FMM00](#)
1
[TFT100](#)
[FMB910](#)

Permanent I/O
elements

10819 EYE Pitch 4 1 Signed -90 90 - - Pitch angle measured by EYE Sensor 4

[FMBXXX](#)
[\[Expand\]](#)
[FMB001](#)
[FMB010](#)
[FMB100](#)
[FMB110](#)
[FMB120](#)
[FMB122](#)
[FMB125](#)
[FMB130](#)
[FMB900](#)
[FMB920](#)
[FMB962](#)
[FMB964](#)
[FM3001](#)
[FM3010](#)
[FMB202](#)
[FMB204](#)
[FMB206](#)
[FMB207](#)
[FMT100](#)
[MTB100](#)
[TMT250](#)
[GH5200](#)
[FMB140](#)
[FMB020](#)
[FMB002](#)
[FMB003](#)
[FMU120](#)
[FMU122](#)
[FMU125](#)
[FMU126](#)
[FMU130](#)
[FMC120](#)
[FMC122](#)
[FMC125](#)
[FMC130](#)
[FMM12](#)
[5](#)
[FMM13](#)
[0](#)
[FMC001](#)
[FMM00](#)
[1](#)
[TFT100](#)
[FMB910](#)

Permanent I/O elements

10820	EYE Low Battery 1	1	Unsigned	0	1	-	-	Low Battery indication for EYE Sensor 1	FMBXXX [Expand] FMB001 FMB010 FMB100 FMB110 FMB120 FMB122 FMB125 FMB130 FMB900 FMB920 FMB962 FMB964 FM3001 FM3010 FMB202 FMB204 FMB206 FMB207 FMT100 MTB100 TMT250 GH5200 FMB140 FMB020 FMB002 FMB003 FMU120 FMU122 FMU125 FMU126 FMU130 FMC120 FMC122 FMC125 FMC130 FMM12 5 FMM13 0 FMC001 FMM00 1 TFT100 FMB910	Permanent I/O elements
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10821 EYE Low Battery 2 1 Unsigned 0 1 - - Low Battery indication for EYE Sensor 2

[FMBXXX](#)
[\[Expand\]](#)
[FMB001](#)
[FMB010](#)
[FMB100](#)
[FMB110](#)
[FMB120](#)
[FMB122](#)
[FMB125](#)
[FMB130](#)
[FMB900](#)
[FMB920](#)
[FMB962](#)
[FMB964](#)
[FM3001](#)
[FM3010](#)
[FMB202](#)
[FMB204](#)
[FMB206](#)
[FMB207](#)
[FMT100](#)
[MTB100](#)
[TMT250](#)
[GH5200](#)
[FMB140](#)
[FMB020](#)
[FMB002](#)
[FMB003](#)
[FMU120](#)
[FMU122](#)
[FMU125](#)
[FMU126](#)
[FMU130](#)
[FMC120](#)
[FMC122](#)
[FMC125](#)
[FMC130](#)
[FMM12](#)
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[FMM13](#)
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[FMC001](#)
[FMM00](#)
1
[TFT100](#)
[FMB910](#)

Permanent I/O elements

10822	EYE Low Battery 3	1	Unsigned	0	1	-	-	Low Battery indication for EYE Sensor 3	FMBXXX [Expand] FMB001 FMB010 FMB100 FMB110 FMB120 FMB122 FMB125 FMB130 FMB900 FMB920 FMB962 FMB964 FM3001 FM3010 FMB202 FMB204 FMB206 FMB207 FMT100 MTB100 TMT250 GH5200 FMB140 FMB020 FMB002 FMB003 FMU120 FMU122 FMU125 FMU126 FMU130 FMC120 FMC122 FMC125 FMC130 FMM12 5 FMM13 0 FMC001 FMM00 1 TFT100 FMB910	Permanent I/O elements
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10823	EYE Low Battery 4	1	Unsigned	0	1	-	-	Low Battery indication for EYE Sensor 4
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- [FMBXXX](#)
 - [\[Expand\]](#)
 - [FMB001](#)
 - [FMB010](#)
 - [FMB100](#)
 - [FMB110](#)
 - [FMB120](#)
 - [FMB122](#)
 - [FMB125](#)
 - [FMB130](#)
 - [FMB900](#)
 - [FMB920](#)
 - [FMB962](#)
 - [FMB964](#)
 - [FM3001](#)
 - [FM3010](#)
 - [FMB202](#)
 - [FMB204](#)
 - [FMB206](#)
 - [FMB207](#)
 - [FMT100](#)
 - [MTB100](#)
 - [TMT250](#)
 - [GH5200](#)
 - [FMB140](#)
 - [FMB020](#)
 - [FMB002](#)
 - [FMB003](#)
 - [FMU120](#)
 - [FMU122](#)
 - [FMU125](#)
 - [FMU126](#)
 - [FMU130](#)
 - [FMC120](#)
 - [FMC122](#)
 - [FMC125](#)
 - [FMC130](#)
 - [FMM12](#)
 - [5](#)
 - [FMM13](#)
 - [0](#)
 - [FMC001](#)
 - [FMM00](#)
 - [1](#)
 - [TFT100](#)
 - [FMB910](#)
- Permanent I/O elements

10824 EYE Battery Voltage 1 2 Unsigned 0 65535 - - Battery Voltage of EYE Sensor 1

- [FMBXXX](#)
- [\[Expand\]](#)
- [FMB001](#)
- [FMB010](#)
- [FMB100](#)
- [FMB110](#)
- [FMB120](#)
- [FMB122](#)
- [FMB125](#)
- [FMB130](#)
- [FMB900](#)
- [FMB920](#)
- [FMB962](#)
- [FMB964](#)
- [FM3001](#)
- [FM3010](#)
- [FMB202](#)
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- [FMB207](#)
- [FMT100](#)
- [MTB100](#)
- [TMT250](#)
- [GH5200](#)
- [FMB140](#)
- [FMB020](#)
- [FMB002](#)
- [FMB003](#)
- [FMU120](#)
- [FMU122](#)
- [FMU125](#)
- [FMU126](#)
- [FMU130](#)
- [FMC120](#)
- [FMC122](#)
- [FMC125](#)
- [FMC130](#)
- [FMM12](#)
- [5](#)
- [FMM13](#)
- [0](#)
- [FMC001](#)
- [FMM00](#)
- [1](#)
- [TFT100](#)
- [FMB910](#)

Permanent I/O elements

10825 EYE Battery Voltage 2 2 Unsigned 0 65535 - - Battery Voltage of EYE Sensor 2

- [FMBXXX](#)
- [\[Expand\]](#)
- [FMB001](#)
- [FMB010](#)
- [FMB100](#)
- [FMB110](#)
- [FMB120](#)
- [FMB122](#)
- [FMB125](#)
- [FMB130](#)
- [FMB900](#)
- [FMB920](#)
- [FMB962](#)
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- [FM3001](#)
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- [GH5200](#)
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- [FMB020](#)
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- [FMU125](#)
- [FMU126](#)
- [FMU130](#)
- [FMC120](#)
- [FMC122](#)
- [FMC125](#)
- [FMC130](#)
- [FMM12](#)
- [5](#)
- [FMM13](#)
- [0](#)
- [FMC001](#)
- [FMM00](#)
- [1](#)
- [TFT100](#)
- [FMB910](#)

Permanent I/O elements

10826 EYE Battery Voltage 3 2 Unsigned 0 65535 - - Battery Voltage of EYE Sensor 3

- [FMBXXX](#)
- [\[Expand\]](#)
- [FMB001](#)
- [FMB010](#)
- [FMB100](#)
- [FMB110](#)
- [FMB120](#)
- [FMB122](#)
- [FMB125](#)
- [FMB130](#)
- [FMB900](#)
- [FMB920](#)
- [FMB962](#)
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- [MTB100](#)
- [TMT250](#)
- [GH5200](#)
- [FMB140](#)
- [FMB020](#)
- [FMB002](#)
- [FMB003](#)
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- [FMU126](#)
- [FMU130](#)
- [FMC120](#)
- [FMC122](#)
- [FMC125](#)
- [FMC130](#)
- [FMM12](#)
- [5](#)
- [FMM13](#)
- [0](#)
- [FMC001](#)
- [FMM00](#)
- [1](#)
- [TFT100](#)
- [FMB910](#)

Permanent I/O elements

10827 EYE Battery Voltage 4 2 Unsigned 0 65535 - - Battery Voltage of EYE Sensor 4

- [FMBXXX](#)
- [\[Expand\]](#)
- [FMB001](#)
- [FMB010](#)
- [FMB100](#)
- [FMB110](#)
- [FMB120](#)
- [FMB122](#)
- [FMB125](#)
- [FMB130](#)
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- [TMT250](#)
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- [FMM12](#)
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- [FMC001](#)
- [FMM00](#)
- [1](#)
- [TFT100](#)
- [FMB910](#)

Permanent I/O elements

10832 EYE Roll 1 2 Signed -180 180 - - Roll angle measured by EYE Sensor 1

- [FMBXXX](#)
- [\[Expand\]](#)
- [FMB001](#)
- [FMB010](#)
- [FMB100](#)
- [FMB110](#)
- [FMB120](#)
- [FMB122](#)
- [FMB125](#)
- [FMB130](#)
- [FMB900](#)
- [FMB920](#)
- [FMB962](#)
- [FMB964](#)
- [FM3001](#)
- [FM3010](#)
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- [TMT250](#)
- [GH5200](#)
- [FMB140](#)
- [FMB020](#)
- [FMB002](#)
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- [FMU130](#)
- [FMC120](#)
- [FMC122](#)
- [FMC125](#)
- [FMC130](#)
- [FMM12](#)
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- [FMM13](#)
- [0](#)
- [FMC001](#)
- [FMM00](#)
- [1](#)
- [TFT100](#)
- [FMB910](#)

Permanent I/O elements

10833 EYE Roll 2 2 Signed -180 180 - - Roll angle measured by EYE Sensor 2

- [FMBXXX](#)
- [\[Expand\]](#)
- [FMB001](#)
- [FMB010](#)
- [FMB100](#)
- [FMB110](#)
- [FMB120](#)
- [FMB122](#)
- [FMB125](#)
- [FMB130](#)
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- [FM3010](#)
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- [TMT250](#)
- [GH5200](#)
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- [FMC120](#)
- [FMC122](#)
- [FMC125](#)
- [FMC130](#)
- [FMM12](#)
- [5](#)
- [FMM13](#)
- [0](#)
- [FMC001](#)
- [FMM00](#)
- [1](#)
- [TFT100](#)
- [FMB910](#)

Permanent I/O elements

10834 EYE Roll 3 2 Signed -180 180 - - Roll angle measured by EYE Sensor 3

FMBXXX
[Expand]
[FMB001](#)
[FMB010](#)
[FMB100](#)
[FMB110](#)
[FMB120](#)
[FMB122](#)
[FMB125](#)
[FMB130](#)
[FMB900](#)
[FMB920](#)
[FMB962](#)
[FMB964](#)
[FM3001](#)
[FM3010](#)
[FMB202](#)
[FMB204](#)
[FMB206](#)
[FMB207](#)
[MTT100](#)
[MTB100](#)
[TMT250](#)
[GH5200](#)
[FMB140](#)
[FMB020](#)
[FMB002](#)
[FMB003](#)
[FMU120](#)
[FMU122](#)
[FMU125](#)
[FMU126](#)
[FMU130](#)
[FMC120](#)
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[FMC125](#)
[FMC130](#)
[FMM12](#)
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[FMM13](#)
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[FMC001](#)
[FMM00](#)
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[TFT100](#)
[FMB910](#)

Permanent I/O
elements

10835 EYE Roll 4 2 Signed -180 180 - - Roll angle measured by EYE Sensor 4

[FMBXXX](#)
[\[Expand\]](#)
[FMB001](#)
[FMB010](#)
[FMB100](#)
[FMB110](#)
[FMB120](#)
[FMB122](#)
[FMB125](#)
[FMB130](#)
[FMB900](#)
[FMB920](#)
[FMB962](#)
[FMB964](#)
[FM3001](#)
[FM3010](#)
[FMB202](#)
[FMB204](#)
[FMB206](#)
[FMB207](#)
[FMT100](#)
[MTB100](#)
[TMT250](#)
[GH5200](#)
[FMB140](#)
[FMB020](#)
[FMB002](#)
[FMB003](#)
[FMU120](#)
[FMU122](#)
[FMU125](#)
[FMU126](#)
[FMU130](#)
[FMC120](#)
[FMC122](#)
[FMC125](#)
[FMC130](#)
[FMM12](#)
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[FMM13](#)
0
[FMC001](#)
[FMM00](#)
1
[TFT100](#)
[FMB910](#)

Permanent I/O
elements

10836	EYE Movement count 1	2	Unsign ed	0	32767	-	-	Movement count measure by EYE Sensor 1	FMBXXX [Expand] FMB001 FMB010 FMB100 FMB110 FMB120 FMB122 FMB125 FMB130 FMB900 FMB920 FMB962 FMB964 FM3001 FM3010 FMB202 FMB204 FMB206 FMB207 FMT100 MTB100 TMT250 GH5200 FMB140 FMB020 FMB002 FMB003 FMU120 FMU122 FMU125 FMU126 FMU130 FMC120 FMC122 FMC125 FMC130 FMM12 5 FMM13 0 FMC001 FMM00 1 TFT100 FMB910	Permanent I/O elements
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10837	EYE Movement count 2	2	Unsign ed	0	32767	-	-	Movement count measure by EYE Sensor 2	FMBXXX [Expand] FMB001 FMB010 FMB100 FMB110 FMB120 FMB122 FMB125 FMB130 FMB900 FMB920 FMB962 FMB964 FM3001 FM3010 FMB202 FMB204 FMB206 FMB207 FMT100 MTB100 TMT250 GH5200 FMB140 FMB020 FMB002 FMB003 FMU120 FMU122 FMU125 FMU126 FMU130 FMC120 FMC122 FMC125 FMC130 FMM12 5 FMM13 0 FMC001 FMM00 1 TFT100 FMB910	Permanent I/O elements
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10838	EYE Movement count 3	2	Unsign ed	0	32767	-	-	Movement count measure by EYE Sensor 3	FMBXXX [Expand] FMB001 FMB010 FMB100 FMB110 FMB120 FMB122 FMB125 FMB130 FMB900 FMB920 FMB962 FMB964 FM3001 FM3010 FMB202 FMB204 FMB206 FMB207 FMT100 MTB100 TMT250 GH5200 FMB140 FMB020 FMB002 FMB003 FMU120 FMU122 FMU125 FMU126 FMU130 FMC120 FMC122 FMC125 FMC130 FMM12 5 FMM13 0 FMC001 FMM00 1 TFT100 FMB910	Permanent I/O elements
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FMBXXX
[Expand]
[FMB001](#)
[FMB010](#)
[FMB100](#)
[FMB110](#)
[FMB120](#)
[FMB122](#)
[FMB125](#)
[FMB130](#)
[FMB900](#)
[FMB920](#)
[FMB962](#)
[FMB964](#)
[FM3001](#)
[FM3010](#)
[FMB202](#)
[FMB204](#)
[FMB206](#)
[FMB207](#)
[MTI100](#)
[MTB100](#)
[TMT250](#)
[GH5200](#)
[FMB140](#)
[FMB020](#)
[FMB002](#)
[FMB003](#)
[FMU120](#)
[FMU122](#)
[FMU125](#)
[FMU126](#)
[FMU130](#)
[FMC120](#)
[FMC122](#)
[FMC125](#)
[FMC130](#)
[FMM12](#)
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[FMM13](#)
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[FMC001](#)
[FMM00](#)
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[TFT100](#)
[FMB910](#)

10839 EYE Movement count 2 Unsign 0 32767 - - Movement count measure by EYE Sensor 4

Permanent I/O elements

FMBXXX

[Expand]

[FMB001](#)

[FMB010](#)

[FMB100](#)

[FMB110](#)

[FMB120](#)

[FMB122](#)

[FMB125](#)

[FMB130](#)

[FMB900](#)

[FMB920](#)

[FMB962](#)

[FMB964](#)

[FM3001](#)

[FM3010](#)

[FMB202](#)

[FMB204](#)

[FMB206](#)

[FMB207](#)

[FMT100](#)

[MTB100](#)

[TMT250](#)

[GH5200](#)

[FMB140](#)

[FMB020](#)

[FMB002](#)

[FMB003](#)

[FMU120](#)

[FMU122](#)

[FMU125](#)

[FMU126](#)

[FMU130](#)

[FMC120](#)

[FMC122](#)

[FMC125](#)

[FMC130](#)

[FMM12](#)

[5](#)

[FMM13](#)

[0](#)

[FMC001](#)

[FMM00](#)

[1](#)

[TFT100](#)

[FMB910](#)

10840 EYE Magnet count 1 2 Unsigned 0 65535 - - Magnet trigger count measure by EYE Sensor 1

Permanent I/O elements

FMBXXX

[Expand]

[FMB001](#)

[FMB010](#)

[FMB100](#)

[FMB110](#)

[FMB120](#)

[FMB122](#)

[FMB125](#)

[FMB130](#)

[FMB900](#)

[FMB920](#)

[FMB962](#)

[FMB964](#)

[FM3001](#)

[FM3010](#)

[FMB202](#)

[FMB204](#)

[FMB206](#)

[FMB207](#)

[FMT100](#)

[MTB100](#)

[TMT250](#)

[GH5200](#)

[FMB140](#)

[FMB020](#)

[FMB002](#)

[FMB003](#)

[FMU120](#)

[FMU122](#)

[FMU125](#)

[FMU126](#)

[FMU130](#)

[FMC120](#)

[FMC122](#)

[FMC125](#)

[FMC130](#)

[FMM12](#)

[5](#)

[FMM13](#)

[0](#)

[FMC001](#)

[FMM00](#)

[1](#)

[TFT100](#)

[FMB910](#)

10841 EYE Magnet count 2 2 Unsigned 0 65535 - - Magnet trigger count measure by EYE Sensor 2

Permanent I/O elements

												FMBXXX	
												[Expand]	
												FMB001	
												FMB010	
												FMB100	
												FMB110	
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												FMB122	
												FMB125	
												FMB130	
												FMB900	
												FMB920	
												FMB962	
												FMB964	
												FM3001	
												FM3010	
												FMB202	
												FMB204	
												FMB206	
												FMB207	
												FMT100	
												MTB100	
												TMT250	Permanent I/O elements
10842	EYE Magnet count 3	2	Unsigned	0	65535	-	-	Magnet trigger count measure by EYE Sensor 3				GH5200	
												FMB140	
												FMB020	
												FMB002	
												FMB003	
												FMU120	
												FMU122	
												FMU125	
												FMU126	
												FMU130	
												FMC120	
												FMC122	
												FMC125	
												FMC130	
												FMM12	
												5	
												FMM13	
												0	
												FMC001	
												FMM00	
												1	
												TFT100	
												FMB910	

10843	EYE Magnet count 4	2	Unsign ed	0	65535	-	-	Magnet trigger count measure by EYE Sensor 4	FMBXXX [Expand] FMB001 FMB010 FMB100 FMB110 FMB120 FMB122 FMB125 FMB130 FMB900 FMB920 FMB962 FMB964 FM3001 FM3010 FMB202 FMB204 FMB206 FMB207 FMT100 MTB100 TMT250 GH5200 FMB140 FMB020 FMB002 FMB003 FMU120 FMU122 FMU125 FMU126 FMU130 FMC120 FMC122 FMC125 FMC130 FMM12 5 FMM13 0 FMC001 FMM00 1 TFT100 FMB910	Permanent I/O elements
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										FMBXXX [Expand] FMB001 FMB010 FMB100 FMB110 FMB120 FMB122 FMB125 FMB130 FMB900 FMB920 FMB962 FMB964 FMB202 FMB204 FMB206 FMB207 FMB208 FMB209 FMT100 MTB100 FMB140 FMB020 FMB002 FMB003 FMU120 FMU122 FMU125 FMU126 FMU130 FMC120 FMC122 FMC125 FMC130 FMM12 5 FMM13 0 FMC001 FMM00 1 FMB910 FMC800 FMM80 0 FMC880 FMM88 0 FMM80 A	
383	AXL Calibration Status	1	Unsign ed	0	3	-	-	Shows calibration status: 0- no calibration, 1- calibrated, 2- not configured, 3- fully calibrated	Permanent I/O elements		

FMBXXX
 [Expand]
[FMB001](#)
[FMB010](#)
[FMB100](#)
[FMB110](#)
[FMB120](#)
[FMB122](#)
[FMB125](#)
[FMB130](#)
[FMB900](#)
[FMB920](#)
[FMB962](#)
[FMB964](#)
[FM3001](#)
[FM3010](#)
[FMB202](#)
[FMB204](#)
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[FMB208](#)
[FMB209](#)
[FMT100](#)
[MTB100](#)
[TMT250](#)
[GH5200](#)
[FMB140](#)
[FMB020](#)
[FMB002](#)
[FMB003](#)
[FMU120](#)
[FMU122](#)
[FMU125](#)
[FMU126](#)
[FMU130](#)
[FMC120](#)
[FMC122](#)
[FMC125](#)
[FMC130](#)
[FMM12](#)
 5
[FMM13](#)
 0
[FMC001](#)
[FMM00](#)
 1
[TFT100](#)
[FMB910](#)
[FMP100](#)
[FMP1M](#)
 1
[MSP500](#)
[EMC800](#)
[FMM80](#)
 0
[FMC880](#)
[FMM88](#)
 0
[FMM80](#)
 A

451	BLE RFID #1	8	HEX	0	0xffffffff ffffffff	-	-	BLE NBL-T RFID ID for Connetionless mode #1 slot	Permanent I/O elements
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452	BLE RFID #2	8	HEX	0	0ffffff fffffff	-	-	BLE NBL-T RFID ID for Connetionless mode #2 slot	FMBXXX [Expand] FMB001 FMB010 FMB100 FMB110 FMB120 FMB122 FMB125 FMB130 FMB900 FMB920 FMB962 FMB964 FM3001 FM3010 FMB202 FMB204 FMB206 FMB207 FMB208 FMB209 FMT100 MTB100 TMT250 GH5200 FMB140 FMB020 FMB002 FMB003 FMU120 FMU122 FMU125 FMU126 FMU130 FMC120 FMC122 FMC125 FMC130 FMM12 5 FMM13 0 FMC001 FMM00 1 TFT100 FMB910 FMP100 FMP1M 1 MSP500 EMC800 FMM80 0 FMC880 FMM88 0 FMM80 A	Permanent I/O elements
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453	BLE RFID #3	8	HEX	0	0xffffffff ffffffff	-	-	BLE NBL-T RFID ID for Connentionless mode #3 slot	FMBXXX [Expand] FMB001 FMB010 FMB100 FMB110 FMB120 FMB122 FMB125 FMB130 FMB900 FMB920 FMB962 FMB964 FM3001 FM3010 FMB202 FMB204 FMB206 FMB207 FMB208 FMB209 FMT100 MTB100 TMT250 GH5200 FMB140 FMB020 FMB002 FMB003 FMU120 FMU122 FMU125 FMU126 FMU130 FMC120 FMC122 FMC125 FMC130 FMM12 5 FMM13 0 FMC001 FMM00 1 TFT100 FMB910 FMP100 FMP1M 1 MSP500 EMC800 FMM80 0 FMC880 FMM88 0 FMM80 A	Permanent I/O elements
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FMBXXX

[Expand]

[FMB001](#)

[FMB010](#)

[FMB100](#)

[FMB110](#)

[FMB120](#)

[FMB122](#)

[FMB125](#)

[FMB130](#)

[FMB900](#)

[FMB920](#)

[FMB962](#)

[FMB964](#)

[FM3001](#)

[FM3010](#)

[FMB202](#)

[FMB204](#)

[FMB206](#)

[FMB207](#)

[FMB208](#)

[FMB209](#)

[FMT100](#)

[MTB100](#)

[TMT250](#)

[GH5200](#)

[FMB140](#)

[FMB020](#)

[FMB002](#)

[FMB003](#)

[FMU120](#)

[FMU122](#)

[FMU125](#)

[FMU126](#)

[FMU130](#)

[FMC120](#)

[FMC122](#)

[FMC125](#)

[FMC130](#)

[FMM12](#)

[5](#)

[FMM13](#)

[0](#)

[FMC001](#)

[FMM00](#)

[1](#)

[TFT100](#)

[FMB910](#)

[FMP100](#)

[FMP1M](#)

[1](#)

[MSP500](#)

[EMC800](#)

[FMM80](#)

[0](#)

[FMC880](#)

[FMM88](#)

[0](#)

[FMM80](#)

[A](#)

454

BLE RFID #4

8

HEX

0

0xfffff
ffffff

-

-

BLE NBL-T RFID ID for Connexionless mode #4 slot

Permanent I/O elements

FMBXXX

[Expand]

[FMB001](#)

[FMB010](#)

[FMB100](#)

[FMB110](#)

[FMB120](#)

[FMB122](#)

[FMB125](#)

[FMB130](#)

[FMB900](#)

[FMB920](#)

[FMB962](#)

[FMB964](#)

[FM3001](#)

[FM3010](#)

[FMB202](#)

[FMB204](#)

[FMB206](#)

[FMB207](#)

[FMB208](#)

[FMB209](#)

[FMT100](#)

[MTB100](#)

[TMT250](#)

[GH5200](#)

[FMB140](#)

[FMB020](#)

[FMB002](#)

[FMB003](#)

[FMU120](#)

[FMU122](#)

[FMU125](#)

[FMU126](#)

[FMU130](#)

[FMC120](#)

[FMC122](#)

[FMC125](#)

[FMC130](#)

[FMM12](#)

[5](#)

[FMM13](#)

[0](#)

[FMC001](#)

[FMM00](#)

[1](#)

[TFT100](#)

[FMB910](#)

[FMP100](#)

[FMP1M](#)

[1](#)

[MSP500](#)

[EMC800](#)

[FMM80](#)

[0](#)

[FMC880](#)

[FMM88](#)

[0](#)

[FMM80](#)

[A](#)

Permanent I/O
elements

455 BLE Button 1 state #1 1 Unsign
ed 0 1 - - BLE NBL-T Button 1 status for Connetionless
mode #1 slot

										FMBXXX	
										[Expand]	
										FMB001	
										FMB010	
										FMB100	
										FMB110	
										FMB120	
										FMB122	
										FMB125	
										FMB130	
										FMB900	
										FMB920	
										FMB962	
										FMB964	
										FM3001	
										FM3010	
										FMB202	
										FMB204	
										FMB206	
										FMB207	
										FMB208	
										FMB209	
										FMT100	
										MTB100	
										TMT250	
										GH5200	
										FMB140	
										FMB020	
										FMB002	
456	BLE Button 1 state #2	1	Unsigned	0	1	-	-		BLE NBL-T Button 1 status for Connexionless mode #2 slot	FMB003	Permanent I/O elements
										FMU120	
										FMU122	
										FMU125	
										FMU126	
										FMU130	
										FMC120	
										FMC122	
										FMC125	
										FMC130	
										FMM125	
										FMM130	
										FMC001	
										FMM001	
										TFT100	
										FMB910	
										FMP100	
										FMP1M1	
										MSP500	
										EMC800	
										FMM800	
										FMC880	
										FMM880	
										FMM80A	

[FMBXXX](#)
[\[Expand\]](#)
[FMB001](#)
[FMB010](#)
[FMB100](#)
[FMB110](#)
[FMB120](#)
[FMB122](#)
[FMB125](#)
[FMB130](#)
[FMB900](#)
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[FMB962](#)
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[FM3001](#)
[FM3010](#)
[FMB202](#)
[FMB204](#)
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[FMB209](#)
[FMT100](#)
[MTB100](#)
[TMT250](#)
[GH5200](#)
[FMB140](#)
[FMB020](#)
[FMB002](#)
[FMB003](#)
[FMU120](#)
[FMU122](#)
[FMU125](#)
[FMU126](#)
[FMU130](#)
[FMC120](#)
[FMC122](#)
[FMC125](#)
[FMC130](#)
[FMM12](#)
[5](#)
[FMM13](#)
[0](#)
[FMC001](#)
[FMM00](#)
[1](#)
[TFT100](#)
[FMB910](#)
[FMP100](#)
[FMP1M](#)
[1](#)
[MSP500](#)
[EMC800](#)
[FMM80](#)
[0](#)
[FMC880](#)
[FMM88](#)
[0](#)
[FMM80](#)
[A](#)

457 BLE Button 1 state #3 1 Unsigned 0 1 - - BLE NBL-T Button 1 status for Connexionless mode #3 slot

Permanent I/O elements

[FMBXXX](#)
[\[Expand\]](#)
[FMB001](#)
[FMB010](#)
[FMB100](#)
[FMB110](#)
[FMB120](#)
[FMB122](#)
[FMB125](#)
[FMB130](#)
[FMB900](#)
[FMB920](#)
[FMB962](#)
[FMB964](#)
[FM3001](#)
[FM3010](#)
[FMB202](#)
[FMB204](#)
[FMB206](#)
[FMB207](#)
[FMB208](#)
[FMB209](#)
[FMT100](#)
[MTB100](#)
[TMT250](#)
[GH5200](#)
[FMB140](#)
[FMB020](#)
[FMB002](#)
[FMB003](#)
[FMU120](#)
[FMU122](#)
[FMU125](#)
[FMU126](#)
[FMU130](#)
[FMC120](#)
[FMC122](#)
[FMC125](#)
[FMC130](#)
[FMM125](#)
[FMM130](#)
[FMM001](#)
[FMM00](#)
[TFT100](#)
[FMB910](#)
[FMP100](#)
[FMP1M](#)
[MSP500](#)
[EMC800](#)
[FMM800](#)
[FMC880](#)
[FMM880](#)
[FMM80A](#)

Permanent I/O elements

458 BLE Button 1 state #4 1 Unsigned 0 1 - - BLE NBL-T Button 1 status for Connectionless mode #4 slot

										FMBXXX	
										[Expand]	
										FMB001	
										FMB010	
										FMB100	
										FMB110	
										FMB120	
										FMB122	
										FMB125	
										FMB130	
										FMB900	
										FMB920	
										FMB962	
										FMB964	
										FM3001	
										FM3010	
										FMB202	
										FMB204	
										FMB206	
										FMB207	
										FMB208	
										FMB209	
										FMT100	
										MTB100	
										TMT250	
										GH5200	
										FMB140	
										FMB020	
										FMB002	
459	BLE Button 2 state #1	1	Unsigned	0	1	-	-		BLE NBL-T Button 2 status for Connexionless mode #1 slot	FMB003	Permanent I/O elements
										FMU120	
										FMU122	
										FMU125	
										FMU126	
										FMU130	
										FMC120	
										FMC122	
										FMC125	
										FMC130	
										FMM125	
										FMM130	
										FMC001	
										FMM001	
										TFT100	
										FMB910	
										FMP100	
										FMP1M1	
										MSP500	
										EMC800	
										FMM800	
										FMC880	
										FMM880	
										FMM800	
										A	

FMBXXX
 [Expand]
[FMB001](#)
[FMB010](#)
[FMB100](#)
[FMB110](#)
[FMB120](#)
[FMB122](#)
[FMB125](#)
[FMB130](#)
[FMB900](#)
[FMB920](#)
[FMB962](#)
[FMB964](#)
[FM3001](#)
[FM3010](#)
[FMB202](#)
[FMB204](#)
[FMB206](#)
[FMB207](#)
[FMB208](#)
[FMB209](#)
[FMT100](#)
[MTB100](#)
[TMT250](#)
[GH5200](#)
[FMB140](#)
[FMB020](#)
[FMB002](#)
[FMB003](#)
[FMU120](#)
[FMU122](#)
[FMU125](#)
[FMU126](#)
[FMU130](#)
[FMC120](#)
[FMC122](#)
[FMC125](#)
[FMC130](#)
[FMM125](#)
[FMM130](#)
[FMC001](#)
[FMM001](#)
[TFT100](#)
[FMB910](#)
[FMP100](#)
[FMP1M](#)
[MSP500](#)
[EMC800](#)
[FMM800](#)
[FMC880](#)
[FMM880](#)
[FMM80A](#)

460 BLE Button 2 state #2 1 Unsigned 0 1 - - BLE NBL-T Button 2 status for Connexionless mode #2 slot

Permanent I/O elements

										FMBXXX [Expand] FMB001 FMB010 FMB100 FMB110 FMB120 FMB122 FMB125 FMB130 FMB900 FMB920 FMB962 FMB964 FM3001 FM3010 FMB202 FMB204 FMB206 FMB207 FMB208 FMB209 FMT100 MTB100 TMT250 GH5200 FMB140 FMB020 FMB002 FMB003 FMU120 FMU122 FMU125 FMU126 FMU130 FMC120 FMC122 FMC125 FMC130 FMM125 FMM130 FMM001 FMM001 FMM001 TFT100 FMB910 FMP100 FMP1M MSP500 EMC800 FMM800 FMC880 FMM880 FMM80A	Permanent I/O elements
461	BLE Button 2 state #3	1	Unsigned	0	1	-	-	BLE NBL-T Button 2 status for Connentionless mode #3 slot			

622	Frequency DIN1	2	Unsigned	0	65535	0.1	Hz	Frequency of input signal present on DIN1
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FMBXXX
[Expand]
[FMB001](#)
[FMB010](#)
[FMB100](#)
[FMB110](#)
[FMB120](#)
[FMB122](#)
[FMB125](#)
[FMB130](#)
[FMB900](#)
[FMB920](#)
[FMB962](#)
[FMB964](#)
[FM3001](#)
[FM3010](#)
[FMB202](#)
[FMB204](#)
[FMB206](#)
[FMB207](#)
[FMB208](#)
[FMB209](#)
[FMT100](#)
[MTB100](#)
[TMT250](#)
[GH5200](#)
[FMB140](#)
[FMB020](#)
[FMB002](#)
[FMB003](#)
[FMU120](#)
[FMU122](#)
[FMU125](#)
[FMU126](#)
[FMU130](#)
[FMC120](#)
[FMC122](#)
[FMC125](#)
[FMC130](#)
[FMM12](#)
[5](#)
[FMM13](#)
[0](#)
[FMC001](#)
[FMM00](#)
[1](#)
[TFT100](#)
[FMB910](#)
[FMP100](#)
[FMP1M](#)
[1](#)
[MSP500](#)
[EMC800](#)
[FMM80](#)
[0](#)
[FMC880](#)
[FMM88](#)
[0](#)
[FMM80](#)
[A](#)

Permanent I/O elements

623	Frequency DIN2	2	Unsigned	0	65535	0.1	Hz	Frequency of input signal present on DIN2	FMBXXX [Expand] FMB001 FMB010 FMB100 FMB110 FMB120 FMB122 FMB125 FMB130 FMB900 FMB920 FMB962 FMB964 FM3001 FM3010 FMB202 FMB204 FMB206 FMB207 FMB208 FMB209 FMT100 MTB100 TMT250 GH5200 FMB140 FMB020 FMB002 FMB003 FMU120 FMU122 FMU125 FMU126 FMU130 FMC120 FMC122 FMC125 FMC130 FMM12 5 FMM13 0 FMC001 FMM00 1 TFT100 FMB910 FMP100 FMP1M 1 MSP500 EMC800 FMM80 0 FMC880 FMM88 0 FMM80 A	Permanent I/O elements
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Eventual I/O elements

Property ID in AVE packet	Property Name	Bytes	Type	Value range	Multiplier	Units	Description	HW Support	Parameter Group
155	Guidance zone 01	1	Unsigned	0 - 3	-	-	0 - target left zone 1 - target entered zone 2 - cover opening end 3 - cover opening start	FMBXXX FMB001 FMB010 FMB100 FMB110 FMB120 FMB122 FMB125 FMB130 FMB900 FMB920 FMB962 FMB964 FM3001 FM3010 FMB202 FMB204 FMB206 FMB207 FMB208 FMB209 FMT100 MTB100 TMT250 GH5200 FMB140 FMB020 FMB002 FMB003 FMU120 FMU122 FMU125 FMU126 FMU130 FMC120 FMC122 FMC125 FMC130 FMM12 5 FMM13 0 FMC001 FMM00 1 TFT100 FMB910 FMP100 FMP1M 1 MSP500 EMC800 FMM80 0 FMC880 FMM88 0 FMM80 A	Eventual I/O elements

195	Confidence zone 29	1	Unassigned	0	3	-	-	0 - target left zone 1 - target entered zone 2 - over spending end 3 - over spending start	FM8XXN D140001	Eventual IO elements
									D141001	
									D141002	
									D141003	
									D141004	
									D141005	
									D141006	
									D141007	
									D141008	
									D141009	
									D141010	
									D141011	
									D141012	
									D141013	
									D141014	
									D141015	
196	Confidence zone 30	1	Unassigned	0	3	-	-	0 - target left zone 1 - target entered zone 2 - over spending end 3 - over spending start	FM8XXN D141001	Eventual IO elements
									D141001	
									D141002	
									D141003	
									D141004	
									D141005	
									D141006	
									D141007	
									D141008	
									D141009	
									D141010	
									D141011	
									D141012	
									D141013	
									D141014	
									D141015	
197	Confidence zone 31	1	Unassigned	0	3	-	-	0 - target left zone 1 - target entered zone 2 - over spending end 3 - over spending start	FM8XXN D142001	Eventual IO elements
									D142001	
									D142002	
									D142003	
									D142004	
									D142005	
									D142006	
									D142007	
									D142008	
									D142009	
									D142010	
									D142011	
									D142012	
									D142013	
									D142014	
									D142015	
198	Confidence zone 32	1	Unassigned	0	3	-	-	0 - target left zone 1 - target entered zone 2 - over spending end 3 - over spending start	FM8XXN D143001	Eventual IO elements
									D143001	
									D143002	
									D143003	
									D143004	
									D143005	
									D143006	
									D143007	
									D143008	
									D143009	
									D143010	
									D143011	
									D143012	
									D143013	
									D143014	
									D143015	
208	Confidence zone 33	1	Unassigned	0	3	-	-	0 - target left zone 1 - target entered zone 2 - over spending end 3 - over spending start	FM8XXN D144001	Eventual IO elements
									D144001	
									D144002	
									D144003	
									D144004	
									D144005	
									D144006	
									D144007	
									D144008	
									D144009	
									D144010	
									D144011	
									D144012	
									D144013	
									D144014	
									D144015	
209	Confidence zone 34	1	Unassigned	0	3	-	-	0 - target left zone 1 - target entered zone 2 - over spending end 3 - over spending start	FM8XXN D145001	Eventual IO elements
									D145001	
									D145002	
									D145003	
									D145004	
									D145005	
									D145006	
									D145007	
									D145008	
									D145009	
									D145010	
									D145011	
									D145012	
									D145013	
									D145014	
									D145015	
216	Confidence zone 35	1	Unassigned	0	3	-	-	0 - target left zone 1 - target entered zone 2 - over spending end 3 - over spending start	FM8XXN D146001	Eventual IO elements
									D146001	
									D146002	
									D146003	
									D146004	
									D146005	
									D146006	
									D146007	
									D146008	
									D146009	
									D146010	
									D146011	
									D146012	
									D146013	
									D146014	
									D146015	
217	Confidence zone 36	1	Unassigned	0	3	-	-	0 - target left zone 1 - target entered zone 2 - over spending end 3 - over spending start	FM8XXN D147001	Eventual IO elements
									D147001	
									D147002	
									D147003	
									D147004	
									D147005	
									D147006	
									D147007	
									D147008	
									D147009	
									D147010	
									D147011	
									D147012	
									D147013	
									D147014	
									D147015	
218	Confidence zone 37	1	Unassigned	0	3	-	-	0 - target left zone 1 - target entered zone 2 - over spending end 3 - over spending start	FM8XXN D148001	Eventual IO elements
									D148001	
									D148002	
									D148003	
									D148004	
									D148005	
									D148006	
									D148007	
									D148008	
									D148009	
									D148010	
									D148011	
									D148012	
									D148013	
									D148014	
									D148015	

										FM5XXX 216000 216100 216200 216300 216400 216500 216600 216700 216800 216900 217000 217100 217200 217300 217400 217500 217600 217700 217800 217900 218000 218100 218200 218300 218400 218500 218600 218700 218800 218900 219000 219100 219200 219300 219400 219500 219600 219700 219800 219900	
219	Confidence zone 38	1	Unassigned	0	3	-	-	0 - target left zone 1 - target entered zone 2 - over spending end 3 - over spending start		216000 216100 216200 216300 216400 216500 216600 216700 216800 216900 217000 217100 217200 217300 217400 217500 217600 217700 217800 217900 218000 218100 218200 218300 218400 218500 218600 218700 218800 218900 219000 219100 219200 219300 219400 219500 219600 219700 219800 219900	Eventual IO elements
										FM5XXX 218000 218100 218200 218300 218400 218500 218600 218700 218800 218900 219000 219100 219200 219300 219400 219500 219600 219700 219800 219900	
220	Confidence zone 39	1	Unassigned	0	3	-	-	0 - target left zone 1 - target entered zone 2 - over spending end 3 - over spending start		218000 218100 218200 218300 218400 218500 218600 218700 218800 218900 219000 219100 219200 219300 219400 219500 219600 219700 219800 219900	Eventual IO elements
										FM5XXX 219000 219100 219200 219300 219400 219500 219600 219700 219800 219900	
221	Confidence zone 40	1	Unassigned	0	3	-	-	0 - target left zone 1 - target entered zone 2 - over spending end 3 - over spending start		219000 219100 219200 219300 219400 219500 219600 219700 219800 219900	Eventual IO elements
										FM5XXX 220000 220100 220200 220300 220400 220500 220600 220700 220800 220900 221000 221100 221200 221300 221400 221500 221600 221700 221800 221900 222000 222100 222200 222300 222400 222500 222600 222700 222800 222900	
222	Confidence zone 41	1	Unassigned	0	3	-	-	0 - target left zone 1 - target entered zone 2 - over spending end 3 - over spending start		220000 220100 220200 220300 220400 220500 220600 220700 220800 220900 221000 221100 221200 221300 221400 221500 221600 221700 221800 221900 222000 222100 222200 222300 222400 222500 222600 222700 222800 222900	Eventual IO elements
										FM5XXX 221000 221100 221200 221300 221400 221500 221600 221700 221800 221900 222000 222100 222200 222300 222400 222500 222600 222700 222800 222900	
223	Confidence zone 42	1	Unassigned	0	3	-	-	0 - target left zone 1 - target entered zone 2 - over spending end 3 - over spending start		221000 221100 221200 221300 221400 221500 221600 221700 221800 221900 222000 222100 222200 222300 222400 222500 222600 222700 222800 222900	Eventual IO elements
										FM5XXX 222000 222100 222200 222300 222400 222500 222600 222700 222800 222900	
224	Confidence zone 43	1	Unassigned	0	3	-	-	0 - target left zone 1 - target entered zone 2 - over spending end 3 - over spending start		222000 222100 222200 222300 222400 222500 222600 222700 222800 222900	Eventual IO elements
										FM5XXX 223000 223100 223200 223300 223400 223500 223600 223700 223800 223900 224000 224100 224200 224300 224400 224500 224600 224700 224800 224900	
225	Confidence zone 44	1	Unassigned	0	3	-	-	0 - target left zone 1 - target entered zone 2 - over spending end 3 - over spending start		223000 223100 223200 223300 223400 223500 223600 223700 223800 223900 224000 224100 224200 224300 224400 224500 224600 224700 224800 224900	Eventual IO elements
										FM5XXX 224000 224100 224200 224300 224400 224500 224600 224700 224800 224900	
226	Confidence zone 45	1	Unassigned	0	3	-	-	0 - target left zone 1 - target entered zone 2 - over spending end 3 - over spending start		224000 224100 224200 224300 224400 224500 224600 224700 224800 224900	Eventual IO elements
										FM5XXX 225000 225100 225200 225300 225400 225500 225600 225700 225800 225900	
227	Confidence zone 46	1	Unassigned	0	3	-	-	0 - target left zone 1 - target entered zone 2 - over spending end 3 - over spending start		225000 225100 225200 225300 225400 225500 225600 225700 225800 225900	Eventual IO elements

228	Confidence zone 47	1	Unsigned	0	3	-	-	<ul style="list-style-type: none"> 0 - target left zone 1 - target entered zone 2 - over speeding end 3 - over speeding start 	FMBXXX 1240001 1240002 1240003 1240004 1240005 1240006 1240007 1240008 1240009 1240010 1240011 1240012 1240013 1240014 1240015 1240016 1240017 1240018 1240019 1240020 1240021 1240022 1240023 1240024 1240025 1240026 1240027 1240028 1240029 1240030 1240031 1240032 1240033 1240034 1240035 1240036 1240037 1240038 1240039 1240040 1240041 1240042 1240043 1240044 1240045 1240046 1240047 1240048 1240049 1240050	Eventual I/O elements
229	Confidence zone 48	1	Unsigned	0	3	-	-	<ul style="list-style-type: none"> 0 - target left zone 1 - target entered zone 2 - over speeding end 3 - over speeding start 	FMBXXX 1240051 1240052 1240053 1240054 1240055 1240056 1240057 1240058 1240059 1240060 1240061 1240062 1240063 1240064 1240065 1240066 1240067 1240068 1240069 1240070 1240071 1240072 1240073 1240074 1240075 1240076 1240077 1240078 1240079 1240080 1240081 1240082 1240083 1240084 1240085 1240086 1240087 1240088 1240089 1240090 1240091 1240092 1240093 1240094 1240095 1240096 1240097 1240098 1240099 1240100	Eventual I/O elements
230	Confidence zone 49	1	Unsigned	0	3	-	-	<ul style="list-style-type: none"> 0 - target left zone 1 - target entered zone 2 - over speeding end 3 - over speeding start 	FMBXXX 1240101 1240102 1240103 1240104 1240105 1240106 1240107 1240108 1240109 1240110 1240111 1240112 1240113 1240114 1240115 1240116 1240117 1240118 1240119 1240120 1240121 1240122 1240123 1240124 1240125 1240126 1240127 1240128 1240129 1240130 1240131 1240132 1240133 1240134 1240135 1240136 1240137 1240138 1240139 1240140 1240141 1240142 1240143 1240144 1240145 1240146 1240147 1240148 1240149 1240150	Eventual I/O elements
231	Confidence zone 50	1	Unsigned	0	3	-	-	<ul style="list-style-type: none"> 0 - target left zone 1 - target entered zone 2 - over speeding end 3 - over speeding start 	FMBXXX 1240151 1240152 1240153 1240154 1240155 1240156 1240157 1240158 1240159 1240160 1240161 1240162 1240163 1240164 1240165 1240166 1240167 1240168 1240169 1240170 1240171 1240172 1240173 1240174 1240175 1240176 1240177 1240178 1240179 1240180 1240181 1240182 1240183 1240184 1240185 1240186 1240187 1240188 1240189 1240190 1240191 1240192 1240193 1240194 1240195 1240196 1240197 1240198 1240199 1240200	Eventual I/O elements
175	Auto Guidance	1	Unsigned	0	1	-	-	<ul style="list-style-type: none"> 0 - target left zone 1 - target entered zone 	FMBXXX 1240201 1240202 1240203 1240204 1240205 1240206 1240207 1240208 1240209 1240210 1240211 1240212 1240213 1240214 1240215 1240216 1240217 1240218 1240219 1240220 1240221 1240222 1240223 1240224 1240225 1240226 1240227 1240228 1240229 1240230 1240231 1240232 1240233 1240234 1240235 1240236 1240237 1240238 1240239 1240240	Eventual I/O elements
250	Tripp	1	Unsigned	0	1	-	-	<ul style="list-style-type: none"> 0 - trip stop 1 - trip start From 01.01.24 for versions available with RT app new values: 2 - Business Status 3 - Private Status 4-9 - Custom Statuses	FMBXXX 1240241 1240242 1240243 1240244 1240245 1240246 1240247 1240248 1240249 1240250 1240251 1240252 1240253 1240254 1240255 1240256 1240257 1240258 1240259 1240260 1240261 1240262 1240263 1240264 1240265 1240266 1240267 1240268 1240269 1240270 1240271 1240272 1240273 1240274 1240275 1240276 1240277 1240278 1240279 1240280	Eventual I/O elements
255	Over Speeding	1	Unsigned	0	255	-	km/h	At over speeding start km/h, at over speeding end km/h	FMBXXX 1240281 1240282 1240283 1240284 1240285 1240286 1240287 1240288 1240289 1240290 1240291 1240292 1240293 1240294 1240295 1240296 1240297 1240298 1240299 1240300 1240301 1240302 1240303 1240304 1240305 1240306 1240307 1240308 1240309 1240310 1240311 1240312 1240313 1240314 1240315 1240316 1240317 1240318 1240319 1240320	Eventual I/O elements
257	Crash trace data	Variable	HEX	0	1200	-	-	Crash trace data	FMBXXX 1240321 1240322 1240323 1240324 1240325 1240326 1240327 1240328 1240329 1240330 1240331 1240332 1240333 1240334 1240335 1240336 1240337 1240338 1240339 1240340 1240341 1240342 1240343 1240344 1240345 1240346 1240347 1240348 1240349 1240350 1240351 1240352 1240353 1240354 1240355 1240356 1240357 1240358 1240359 1240360	Eventual I/O elements
265	Blood alcohol content	2	Unsigned	0	9999	-	-	Alcohol content in blood in perfoms and mode. First 14 bits from MSB are perfoms multiplied by 1000 and last to bits are 0 - Passes test, 1 Active test, 2 and 3 are reserved.	FMBXXX 1240361 1240362 1240363 1240364 1240365 1240366 1240367 1240368 1240369 1240370 1240371 1240372 1240373 1240374 1240375 1240376 1240377 1240378 1240379 1240380 1240381 1240382 1240383 1240384 1240385 1240386 1240387 1240388 1240389 1240390 1240391 1240392 1240393 1240394 1240395 1240396 1240397 1240398 1240399 1240400	Eventual I/O elements

ID	Event Name	Category	Source	Start	End	Severity	Priority	Event Description	Event ID Elements
251	idling	1	Unassigned	0	1	-	-	0 - moving 1 - idling	Eventual IO elements
253	Green driving type	1	Unassigned	1	3	-	-	1 - harsh acceleration 2 - harsh braking 3 - harsh cornering	Eventual IO elements
246	Towing	1	Unassigned	0	1	-	-	0 - steady 1 - towing	Eventual IO elements
252	Uplink	1	Unassigned	0	1	-	-	0 - battery present 1 - battery employed	Eventual IO elements
247	Crash detection	1	Unassigned	1	6	-	-	1 - real crash detected (device is calibrated) 2 - limited crash trace (device not calibrated) 3 - initial crash trace (device is calibrated) 4 - full crash trace (device not calibrated) 5 - full crash trace (device is calibrated) 6 - real crash detected (device not calibrated)	Eventual IO elements
248	Immobilizer	1	Unassigned	0	2	-	-	0 - ilblon not connected 1 - ilblon connected (Unauthorized) 2 - ilblon connected (Authorized Driving)	Eventual IO elements
254	Green Driving Value	1	Unassigned	0	255	acc and braking > 0.01	G rad	Depending on green driving type: if harsh acceleration or braking - g*100 (value 123 -> 1.23g). If Green driving source is "GPS" - harsh cornering value is rad*100. If source is "Accelerometer" - g*100.	Eventual IO elements
249	Jamming	1	Unassigned	0	1	-	-	0 - jamming stop 1 - jamming start	Eventual IO elements
14	KCCID	0	Unassigned	0	0xFFFFFFFF	-	-	Value of SSN KCCID_LSR	Eventual IO elements

Property ID in AVL packet	Property Name	Bytes	Type	Value range Min Max	Multiplier	Units	Description	HW Support	Parameter Group
243	Green driving event duration	2	Unsigned	0 65535	-	ms	Duration of event that did generate Green driving	FM3XXX (Event) 243001 243002 243003 243004 243005 243006 243007 243008 243009 243010 243011 243012 243013 243014 243015 243016 243017 243018 243019 243020 243021 243022 243023 243024 243025 243026 243027 243028 243029 243030 243031 243032 243033 243034 243035 243036 243037 243038 243039 243040	Eventual IO elements
236	Alarm	1	Unsigned	0 1	-	-	0 - Reserved 1 - Alarm event occurred	243041 243042 243043 243044 243045 243046 243047 243048 243049 243050 243051 243052 243053 243054 243055 243056 243057 243058 243059 243060	Eventual IO elements
258	EcoMaximim	8	Unsigned	0 0a00000000000000	-	-	Element stores maximum accelerometer values in mg on all axis during Eco driving event 8 Bytes 28 Zeros 28 - X axis 28 - Y axis 28 - Z axis	243061 243062 243063 243064 243065 243066 243067 243068 243069 243070 243071 243072 243073 243074 243075 243076 243077 243078 243079 243080	Eventual IO elements
259	EcoAverage	8	Unsigned	0 0a00000000000000	-	-	Element stores average accelerometer values in mg on all axis during Eco driving event 8 Bytes 28 Zeros 28 - X axis 28 - Y axis 28 - Z axis	243081 243082 243083 243084 243085 243086 243087 243088 243089 243090 243091 243092 243093 243094 243095 243096 243097 243098 243099 243100	Eventual IO elements
260	EcoDuration	2	Unsigned	0 65535	-	ms	Duration of Eco driving event in milliseconds	243101 243102 243103 243104 243105 243106 243107 243108 243109 243110 243111 243112 243113 243114 243115 243116 243117 243118 243119 243120	Eventual IO elements
263	Driving State	1	Unsigned	0 3	-	-	1 - Ignition ON 2 - Ignition ON 3 - Ignition OFF	243121 243122 243123 243124 243125 243126 243127 243128 243129 243130 243131 243132 243133 243134 243135 243136 243137 243138 243139 243140	Eventual IO elements
264	Driving Records	2	Unsigned	0 65535	-	-	Number of Records between Ignition ON and Ignition OFF	243141 243142 243143 243144 243145 243146 243147 243148 243149 243150 243151 243152 243153 243154 243155 243156 243157 243158 243159 243160	Eventual IO elements
317	Crash event counter	1	Unsigned	0 255	-	-	Connects trace with specific eventual crash record	FM3XXX (Event) 243161 243162 243163 243164 243165 243166 243167 243168 243169 243170 243171 243172 243173 243174 243175 243176 243177 243178 243179 243180 243181 243182 243183 243184 243185 243186 243187 243188 243189 243190 243191 243192 243193 243194 243195 243196 243197 243198 243199 243200	Eventual IO elements
318	GNSS Jamming	1	Unsigned	0 2	-	-	GNSS jamming state: 0 - GPS jamming ended/healthy state 1 - GPS jamming warning state 2 - GPS jamming critical state	243201 243202 243203 243204 243205 243206 243207 243208 243209 243210 243211 243212 243213 243214 243215 243216 243217 243218 243219 243220 243221 243222 243223 243224 243225 243226 243227 243228 243229 243230 243231 243232 243233 243234 243235 243236 243237 243238 243239 243240	Eventual IO elements
361	Private mode	1	Unsigned	0 255	-	-	Private mode state: 0 - Private mode off 1 - Private mode on	243241 243242 243243 243244 243245 243246 243247 243248 243249 243250 243251 243252 243253 243254 243255 243256 243257 243258 243259 243260 243261 243262 243263 243264 243265 243266 243267 243268 243269 243270 243271 243272 243273 243274 243275 243276 243277 243278 243279 243280	Eventual IO elements
469	Ignition On Counter	4	Unsigned	0 2147483647	-	s	Duration in seconds which is counted while Ignition state is On	FM3XXX (Event) 243281 243282 243283 243284 243285 243286 243287 243288 243289 243290 243291 243292 243293 243294 243295 243296 243297 243298 243299 243300 243301 243302 243303 243304 243305 243306 243307 243308 243309 243310 243311 243312 243313 243314 243315 243316 243317 243318 243319 243320	Eventual IO elements
1412	Motorcycle Fall Detection	1	Unsigned	0 0	-	-	Fall detection event which is generated when all conditions are met	243321 243322 243323 243324 243325 243326 243327 243328 243329 243330 243331 243332 243333 243334 243335 243336 243337 243338 243339 243340	Eventual IO elements

OBD elements

Property ID in AVL packet	Property Name	Bytes	Type	Value range Min Max	Multiplier	Units	Description	HW Support	Parameter Group
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256	VIN	17	ASCII	0	0xff	-	-	VIN number	FMBXXX FMB001 FMC001 FMB010 FMB003 FMB110 FMB120 FMB122 FMB125 FMC125 FMM125 FMB130 FMC130 FMM130 FMB140 FMB150 FMC150 FMM150 FMB900 FMB920 FMB962 FMB964 FM3001 FMT100 MTB100 FMB202 FMB204 FMB206 FMT100 MTB100 FMB140 FMBXXX FMB001 FMC001 FMB010 FMB003 FMB110 FMB120 FMB122 FMB125 FMC125 FMM125 FMB130 FMC130 FMM130 FMB140 FMB150 FMC150 FMM150 FMB900 FMB920 FMB962 FMB964 FM3001 FMT100 MTB100 FMB202 FMB204 FMB206 FMT100 MTB100 FMB140 FMBXXX FMB001 FMC001 FMB010 FMB003 FMB110 FMB120 FMB122 FMB125 FMC125 FMM125 FMB130 FMC130 FMM130 FMB140 FMB150 FMC150 FMM150 FMB900 FMB920 FMB962 FMB964 FM3001 FMT100 MTB100 FMB202 FMB204 FMB206 FMT100 MTB100 FMB140	OBD elements
30	Number of DTC	1	Unsigned	0	255	-	-	Number of DTC	FMBXXX FMB001 FMC001 FMB010 FMB003 FMB110 FMB120 FMB122 FMB125 FMC125 FMM125 FMB130 FMC130 FMM130 FMB140 FMB150 FMC150 FMM150 FMB900 FMB920 FMB962 FMB964 FM3001 FMT100 MTB100 FMB202 FMB204 FMB206 FMT100 MTB100 FMB140 FMBXXX FMB001 FMC001 FMB010 FMB003 FMB110 FMB120 FMB122 FMB125 FMC125 FMM125 FMB130 FMC130 FMM130 FMB140 FMB150 FMC150 FMM150 FMB900 FMB920 FMB962 FMB964 FM3001 FMT100 MTB100 FMB202 FMB204 FMB206 FMT100 MTB100 FMB140	OBD elements
31	Engine Load	1	Unsigned	0	100	-	%	Calculated engine load value	FMBXXX FMB001 FMC001 FMB010 FMB003 FMB110 FMB120 FMB122 FMB125 FMC125 FMM125 FMB130 FMC130 FMM130 FMB140 FMB150 FMC150 FMM150 FMB900 FMB920 FMB962 FMB964 FM3001 FMT100 MTB100 FMB202 FMB204 FMB206 FMT100 MTB100 FMB140 FMBXXX FMB001 FMC001 FMB010 FMB003 FMB110 FMB120 FMB122 FMB125 FMC125 FMM125 FMB130 FMC130 FMM130 FMB140 FMB150 FMC150 FMM150 FMB900 FMB920 FMB962 FMB964 FM3001 FMT100 MTB100 FMB202 FMB204 FMB206 FMT100 MTB100 FMB140	OBD elements
32	Coolant Temperature	1	Signed	-128	127	-	°C	Engine coolant temperature	FMBXXX FMB001 FMC001 FMB010 FMB003 FMB110 FMB120 FMB122 FMB125 FMC125 FMM125 FMB130 FMC130 FMM130 FMB140 FMB150 FMC150 FMM150 FMB900 FMB920 FMB962 FMB964 FM3001 FMT100 MTB100 FMB202 FMB204 FMB206 FMT100 MTB100 FMB140	OBD elements

										FMBXXX FMB001 FMC001 FMB010 FMB003 FMB110 FMB120 FMB122 FMB125 FMC125 FMC125 FMM125 FMB130 FMC130 FMB130 FMC130 FMM130 FMB140 FMB150 FMC150 FMM150 FMB900 FMB920 FMB962 FMB964 FM3001 FMT100 MTB100 FMB202 FMB204 FMB206 FMT100 MTB100 FMB140	
33	Short Fuel Trim	1	Signed	-100	99	-	%	Short term fuel trim 1		FMBXXX FMB001 FMC001 FMB010 FMB003 FMB110 FMB120 FMB122 FMB125 FMC125 FMC125 FMM125 FMB130 FMC130 FMB130 FMC130 FMM130 FMB140 FMB150 FMC150 FMM150 FMB900 FMB920 FMB962 FMB964 FM3001 FMT100 MTB100 FMB202 FMB204 FMB206 FMT100 MTB100 FMB140	OBD elements
34	Fuel pressure	2	Unsigned	0	765	-	kPa	Fuel pressure		FMBXXX FMB001 FMC001 FMB010 FMB003 FMB110 FMB120 FMB122 FMB125 FMC125 FMC125 FMM125 FMB130 FMC130 FMB130 FMC130 FMM130 FMB140 FMB150 FMC150 FMM150 FMB900 FMB920 FMB962 FMB964 FM3001 FMT100 MTB100 FMB202 FMB204 FMB206 FMT100 MTB100 FMB140	OBD elements
35	Intake MAP	1	Unsigned	0	255	-	kPa	Intake manifold absolute pressure		FMBXXX FMB001 FMC001 FMB010 FMB003 FMB110 FMB120 FMB122 FMB125 FMC125 FMC125 FMM125 FMB130 FMC130 FMB130 FMC130 FMM130 FMB140 FMB150 FMC150 FMM150 FMB900 FMB920 FMB962 FMB964 FM3001 FMT100 MTB100 FMB202 FMB204 FMB206 FMT100 MTB100 FMB140	OBD elements
36	Engine RPM	2	Unsigned	0	16384	-	rpm	Engine RPM		FMBXXX FMB001 FMC001 FMB010 FMB003 FMB110 FMB120 FMB122 FMB125 FMC125 FMC125 FMM125 FMB130 FMC130 FMB130 FMC130 FMM130 FMB140 FMB150 FMC150 FMM150 FMB900 FMB920 FMB962 FMB964 FM3001 FMT100 MTB100 FMB202 FMB204 FMB206 FMT100 MTB100 FMB140	OBD elements

37	Vehicle Speed	1	Unsigned	0	255	-	km/h	Vehicle speed	FMBXXX FMB001 FMC001 FMB010 FMB003 FMB110 FMB120 FMB122 FMB125 FMC125 FMM125 FMB130 FMC130 FMM130 FMB140 FMB150 FMC150 FMM150 FMB900 FMB920 FMB962 FMB964 FM3001 FMT100 MTB100 FMB202 FMB204 FMB206 FMT100 MTB100 FMB140 FMBXXX FMB001 FMC001 FMB010 FMB003 FMB110 FMB120 FMB122 FMB125 FMC125 FMM125 FMB130 FMC130 FMM130 FMB140 FMB150 FMC150 FMM150 FMB900 FMB920 FMB962 FMB964 FM3001 FMT100 MTB100 FMB202 FMB204 FMB206 FMT100 MTB100 FMB140 FMBXXX FMB001 FMC001 FMB010 FMB003 FMB110 FMB120 FMB122 FMB125 FMC125 FMM125 FMB130 FMC130 FMM130 FMB140 FMB150 FMC150 FMM150 FMB900 FMB920 FMB962 FMB964 FM3001 FMT100 MTB100 FMB202 FMB204 FMB206 FMT100 MTB100 FMB140	OBD elements
38	Timing Advance	1	Signed	-64	64	-	°	Timing advance	FMBXXX FMB001 FMC001 FMB010 FMB003 FMB110 FMB120 FMB122 FMB125 FMC125 FMM125 FMB130 FMC130 FMM130 FMB140 FMB150 FMC150 FMM150 FMB900 FMB920 FMB962 FMB964 FM3001 FMT100 MTB100 FMB202 FMB204 FMB206 FMT100 MTB100 FMB140 FMBXXX FMB001 FMC001 FMB010 FMB003 FMB110 FMB120 FMB122 FMB125 FMC125 FMM125 FMB130 FMC130 FMM130 FMB140 FMB150 FMC150 FMM150 FMB900 FMB920 FMB962 FMB964 FM3001 FMT100 MTB100 FMB202 FMB204 FMB206 FMT100 MTB100 FMB140 FMBXXX FMB001 FMC001 FMB010 FMB003 FMB110 FMB120 FMB122 FMB125 FMC125 FMM125 FMB130 FMC130 FMM130 FMB140 FMB150 FMC150 FMM150 FMB900 FMB920 FMB962 FMB964 FM3001 FMT100 MTB100 FMB202 FMB204 FMB206 FMT100 MTB100 FMB140	OBD elements
39	Intake Air Temperature	1	Signed	-128	127	-	°C	Intake air temperature	FMBXXX FMB001 FMC001 FMB010 FMB003 FMB110 FMB120 FMB122 FMB125 FMC125 FMM125 FMB130 FMC130 FMM130 FMB140 FMB150 FMC150 FMM150 FMB900 FMB920 FMB962 FMB964 FM3001 FMT100 MTB100 FMB202 FMB204 FMB206 FMT100 MTB100 FMB140 FMBXXX FMB001 FMC001 FMB010 FMB003 FMB110 FMB120 FMB122 FMB125 FMC125 FMM125 FMB130 FMC130 FMM130 FMB140 FMB150 FMC150 FMM150 FMB900 FMB920 FMB962 FMB964 FM3001 FMT100 MTB100 FMB202 FMB204 FMB206 FMT100 MTB100 FMB140 FMBXXX FMB001 FMC001 FMB010 FMB003 FMB110 FMB120 FMB122 FMB125 FMC125 FMM125 FMB130 FMC130 FMM130 FMB140 FMB150 FMC150 FMM150 FMB900 FMB920 FMB962 FMB964 FM3001 FMT100 MTB100 FMB202 FMB204 FMB206 FMT100 MTB100 FMB140	OBD elements
40	MAF	2	Unsigned	0	65535	0.01	g/sec	MAF air flow rate	FMBXXX FMB001 FMC001 FMB010 FMB003 FMB110 FMB120 FMB122 FMB125 FMC125 FMM125 FMB130 FMC130 FMM130 FMB140 FMB150 FMC150 FMM150 FMB900 FMB920 FMB962 FMB964 FM3001 FMT100 MTB100 FMB202 FMB204 FMB206 FMT100 MTB100 FMB140 FMBXXX FMB001 FMC001 FMB010 FMB003 FMB110 FMB120 FMB122 FMB125 FMC125 FMM125 FMB130 FMC130 FMM130 FMB140 FMB150 FMC150 FMM150 FMB900 FMB920 FMB962 FMB964 FM3001 FMT100 MTB100 FMB202 FMB204 FMB206 FMT100 MTB100 FMB140	OBD elements

										FMBXXX FMB001 FMC001 FMB010 FMB003 FMB110 FMB120 FMB122 FMB125 FMC125 FMC125 FMM125 FMB130 FMC130 FMC130 FMM130 FMB140 FMB150 FMC150 FMM150 FMB900 FMB920 FMB962 FMB964 FM3001 FMT100 MTB100 FMB202 FMB204 FMB206 FMT100 MTB100 FMB140	
41	Throttle Position	1	Unsigned	0	100	-	%	Throttle position		FMBXXX FMB001 FMC001 FMB010 FMB003 FMB110 FMB120 FMB122 FMB125 FMC125 FMC125 FMM125 FMB130 FMC130 FMC130 FMM130 FMB140 FMB150 FMC150 FMM150 FMB900 FMB920 FMB962 FMB964 FM3001 FMT100 MTB100 FMB202 FMB204 FMB206 FMT100 MTB100 FMB140	OBD elements
42	Runtime since engine start	2	Unsigned	0	65535	-	s	Runtime since engine start		FMBXXX FMB001 FMC001 FMB010 FMB003 FMB110 FMB120 FMB122 FMB125 FMC125 FMC125 FMM125 FMB130 FMC130 FMC130 FMM130 FMB140 FMB150 FMC150 FMM150 FMB900 FMB920 FMB962 FMB964 FM3001 FMT100 MTB100 FMB202 FMB204 FMB206 FMT100 MTB100 FMB140	OBD elements
43	Distance Traveled MIL On	2	Unsigned	0	65535	-	km	Distance or matten MIL on		FMBXXX FMB001 FMC001 FMB010 FMB003 FMB110 FMB120 FMB122 FMB125 FMC125 FMC125 FMM125 FMB130 FMC130 FMC130 FMM130 FMB140 FMB150 FMC150 FMM150 FMB900 FMB920 FMB962 FMB964 FM3001 FMT100 MTB100 FMB202 FMB204 FMB206 FMT100 MTB100 FMB140	OBD elements
44	Relative Fuel Rail Pressure	2	Unsigned	0	5178	0.1	kPa	Relative fuel rail pressure		FMBXXX FMB001 FMC001 FMB010 FMB003 FMB110 FMB120 FMB122 FMB125 FMC125 FMC125 FMM125 FMB130 FMC130 FMC130 FMM130 FMB140 FMB150 FMC150 FMM150 FMB900 FMB920 FMB962 FMB964 FM3001 FMT100 MTB100 FMB202 FMB204 FMB206 FMT100 MTB100 FMB140	OBD elements

										FMBXXX FMB001 FMC001 FMB010 FMB003 FMB110 FMB120 FMB122 FMB125 FMC125 FMM125 FMB130 FMC130 FMM130 FMB140 FMB150 FMC150 FMM150 FMB900 FMB920 FMB962 FMB964 FM3001 FMT100 MTB100 FMB202 FMB204 FMB206 FMT100 MTB100 FMB140	
45	Direct Fuel Rail Pressure	2	Unsigned	0	65535	10	kPa	Direct Fuel Rail Pressure		FMBXXX FMB001 FMC001 FMB010 FMB003 FMB110 FMB120 FMB122 FMB125 FMC125 FMM125 FMB130 FMC130 FMM130 FMB140 FMB150 FMC150 FMM150 FMB900 FMB920 FMB962 FMB964 FM3001 FMT100 MTB100 FMB202 FMB204 FMB206 FMT100 MTB100 FMB140	OBD elements
46	Commanded EGR	1	Unsigned	0	100	-	%	Commanded EGR		FMBXXX FMB001 FMC001 FMB010 FMB003 FMB110 FMB120 FMB122 FMB125 FMC125 FMM125 FMB130 FMC130 FMM130 FMB140 FMB150 FMC150 FMM150 FMB900 FMB920 FMB962 FMB964 FM3001 FMT100 MTB100 FMB202 FMB204 FMB206 FMT100 MTB100 FMB140	OBD elements
47	EGR Error	1	Signed	-100	100	-	%	EGR error		FMBXXX FMB001 FMC001 FMB010 FMB003 FMB110 FMB120 FMB122 FMB125 FMC125 FMM125 FMB130 FMC130 FMM130 FMB140 FMB150 FMC150 FMM150 FMB900 FMB920 FMB962 FMB964 FM3001 FMT100 MTB100 FMB202 FMB204 FMB206 FMT100 MTB100 FMB140	OBD elements
48	Fuel Level	1	Unsigned	0	100	-	%	Fuel level		FMBXXX FMB001 FMC001 FMB010 FMB003 FMB110 FMB120 FMB122 FMB125 FMC125 FMM125 FMB130 FMC130 FMM130 FMB140 FMB150 FMC150 FMM150 FMB900 FMB920 FMB962 FMB964 FM3001 FMT100 MTB100 FMB202 FMB204 FMB206 FMT100 MTB100 FMB140	OBD elements

49	Distance Since Codes Clear	2	Unsigned	0	65535	-	km	Distance traveled since codes cleared	OBD elements
50	Barometric Pressure	1	Unsigned	0	255	-	kPa	Barometric pressure	OBD elements
51	Control Module Voltage	2	Unsigned	0	65535	0.001	V	Control module voltage	OBD elements
52	Absolute Load Value	2	Unsigned	0	25700	-	%	Absolute load value	OBD elements

FMBXXX
 FMB001
 FMC001
 FMB010
 FMB003
 FMB110
 FMB120
 FMB122
 FMB125
 FMC125
 FMC125
 FMM125
 FMB130
 FMC130
 FMC130
 FMM130
 FMB140
 FMB150
 FMC150
 FMM150
 FMB900
 FMB920
 FMB962
 FMB964
 FM3001
 FMT100
 MTB100
 FMB202
 FMB204
 FMB206
 FMT100
 MTB100
 FMB140
 FMBXXX
 FMB001
 FMC001
 FMB010
 FMB003
 FMB110
 FMB120
 FMB122
 FMB125
 FMC125
 FMC125
 FMM125
 FMB130
 FMC130
 FMC130
 FMM130
 FMB140
 FMB150
 FMC150
 FMM150
 FMB900
 FMB920
 FMB962
 FMB964
 FM3001
 FMT100
 MTB100
 FMB202
 FMB204
 FMB206
 FMT100
 MTB100
 FMB140
 FMBXXX
 FMB001
 FMC001
 FMB010
 FMB003
 FMB110
 FMB120
 FMB122
 FMB125
 FMC125
 FMC125
 FMM125
 FMB130
 FMC130
 FMC130
 FMM130
 FMB140
 FMB150
 FMC150
 FMM150
 FMB900
 FMB920
 FMB962
 FMB964
 FM3001
 FMT100
 MTB100
 FMB202
 FMB204
 FMB206
 FMT100
 MTB100
 FMB140
 FMBXXX
 FMB001
 FMC001
 FMB010
 FMB003
 FMB110
 FMB120
 FMB122
 FMB125
 FMC125
 FMC125
 FMM125
 FMB130
 FMC130
 FMC130
 FMM130
 FMB140
 FMB150
 FMC150
 FMM150
 FMB900
 FMB920
 FMB962
 FMB964
 FM3001
 FMT100
 MTB100
 FMB202
 FMB204
 FMB206
 FMT100
 MTB100
 FMB140

Parameter ID	Parameter Name	Units	Scale	Min	Max	Resolution	Physical Units	Description	Supported Elements
759	Fuel Type		Unsigned	0	255	-	-		OBD elements
53	Ambient Air Temperature		Signed	-128	127	-	°C	Ambient air temperature	OBD elements
54	Time Run With MIL On		Unsigned	0	65535	-	min	Time run with MIL on	OBD elements
55	Time Since Codes Cleared		Unsigned	0	65535	-	min	Time since codes cleared	OBD elements

- 0 Not available
- 1 Gasoline
- 2 Methanol
- 3 Ethanol
- 4 Diesel
- 5 LPG
- 6 CNG
- 7 Propane
- 8 Electric
- 9 Bifuel running Gasoline
- 10 Bifuel running Methanol
- 11 Bifuel running Ethanol
- 12 Bifuel running LPG
- 13 Bifuel running CNG
- 14 Bifuel running Propane
- 15 Bifuel running Electricity
- 16 Bifuel running electric and combustion engine
- 17 Hybrid gasoline
- 18 Hybrid Ethanol
- 19 Hybrid Diesel
- 20 Hybrid Electric
- 21 Hybrid running electric and combustion engine
- 22 Hybrid Regenerative
- 23 Bifuel running diesel

- FMBXXX
- FMB001
- FMC001
- FMB010
- FMB003
- FMB110
- FMB120
- FMB122
- FMB125
- FMU125
- FMC125
- FMM125
- FMB130
- FMU130
- FMC130
- FMM130
- FMB140
- FMB150
- FMC150
- FMM150
- FMB900
- FMB920
- FMB962
- FMB964
- FM3001
- FMT100
- MTB100
- FMB202
- FMB204
- FMB206
- FMT100
- MTB100
- FMB140
- FMBXXX
- FMB001
- FMC001
- FMB010
- FMB003
- FMB110
- FMB120
- FMB122
- FMB125
- FMU125
- FMC125
- FMM125
- FMB130
- FMU130
- FMC130
- FMM130
- FMB140
- FMB150
- FMC150
- FMM150
- FMB900
- FMB920
- FMB962
- FMB964
- FM3001
- FMT100
- MTB100
- FMB202
- FMB204
- FMB206
- FMT100
- MTB100
- FMB140
- FMBXXX
- FMB001
- FMC001
- FMB010
- FMB003
- FMB110
- FMB120
- FMB122
- FMB125
- FMU125
- FMC125
- FMM125
- FMB130
- FMU130
- FMC130
- FMM130
- FMB140
- FMB150
- FMC150
- FMM150
- FMB900
- FMB920
- FMB962
- FMB964
- FM3001
- FMT100
- MTB100
- FMB202
- FMB204
- FMB206
- FMT100
- MTB100
- FMB140

56	Absolute Fuel Rail Pressure	2	Unsigned	0	65535	0.1	kPa	Absolute fuel rail pressure	OBD elements
57	Hybrid battery pack life	1	Unsigned	0	100	-	%	Hybrid battery pack remaining life	OBD elements
58	Engine Oil Temperature	1	Unsigned	0	215	-	°C	Engine oil temperature	OBD elements
59	Fuel injection timing	2	Signed	-21000	30200	0.01	°	Fuel injection timing	OBD elements

FMBXXX
 FMB001
 FMC001
 FMB010
 FMB003
 FMB110
 FMB120
 FMB122
 FMB125
 FMC125
 FMC125
 FMM125
 FMB130
 FMC130
 FMC130
 FMM130
 FMB140
 FMB150
 FMC150
 FMM150
 FMM150
 FMB900
 FMB920
 FMB920
 FMB962
 FMB964
 FM3001
 FMT100
 FMT100
 MTB100
 FMB202
 FMB204
 FMB206
 FMT100
 MTB100
 FMB140
 FMBXXX
 FMB001
 FMC001
 FMB010
 FMB003
 FMB110
 FMB120
 FMB122
 FMB125
 FMC125
 FMC125
 FMM125
 FMB130
 FMC130
 FMC130
 FMM130
 FMB140
 FMB150
 FMC150
 FMM150
 FMM150
 FMB900
 FMB920
 FMB920
 FMB962
 FMB964
 FM3001
 FMT100
 FMT100
 MTB100
 FMB202
 FMB204
 FMB206
 FMT100
 MTB100
 FMB140
 FMBXXX
 FMB001
 FMC001
 FMB010
 FMB003
 FMB110
 FMB120
 FMB122
 FMB125
 FMC125
 FMC125
 FMM125
 FMB130
 FMC130
 FMC130
 FMM130
 FMB140
 FMB150
 FMC150
 FMM150
 FMM150
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 FMB964
 FM3001
 FMT100
 FMT100
 MTB100
 FMB202
 FMB204
 FMB206
 FMT100
 MTB100
 FMB140
 FMBXXX
 FMB001
 FMC001
 FMB010
 FMB003
 FMB110
 FMB120
 FMB122
 FMB125
 FMC125
 FMC125
 FMM125
 FMB130
 FMC130
 FMC130
 FMM130
 FMB140
 FMB150
 FMC150
 FMM150
 FMM150
 FMB900
 FMB920
 FMB920
 FMB962
 FMB964
 FM3001
 FMT100
 FMT100
 MTB100
 FMB202
 FMB204
 FMB206
 FMT100
 MTB100
 FMB140

540	Throttle position group	1	Unsigned	0	100	-	%	Throttle Position Value From PID Group	FMBXXX FMB001 FMB003 FMC003 FMC00A FMM003 FMM00A	OBD elements
541	Commanded Equivalence R	1	Unsigned	0	200	0.01	-	Fuel-Air Commanded Equivalence Ratio	FMBXXX FMB001 FMB003 FMC003 FMC00A FMM003 FMM00A	OBD elements
542	Intake MAP 2 bytes	2	Unsigned	0	2048	-	kPa	Intake Manifold Absolute Pressure	FMBXXX FMB001 FMB003 FMC003 FMC00A FMM003 FMM00A	OBD elements
543	Hybrid System Voltage	2	Unsigned	0	1024	-	V	Hybrid vehicle system voltage	FMBXXX FMB001 FMC001 FMB010 FMB003 FMB110 FMB120 FMB122 FMB125 FMB125 FMC125 FMC125 FMM125 FMB130 FMB130 FMB130 FMC130 FMC130 FMM130 FMB140 FMB150 FMC150 FMM150 FMB900 FMB920 FMB962 FMB964 FMB964 FMB001 FMT100 MTB100 FMB202 FMB202 FMB204 FMB206 FMT100 MTB100 MTB100 FMB140	OBD elements
544	Hybrid System Current	2	Signed	-3277	3277	-	A	Hybrid vehicle system current	FMBXXX FMB001 FMC001 FMB010 FMB003 FMB110 FMB120 FMB122 FMB125 FMB125 FMC125 FMC125 FMM125 FMB130 FMB130 FMB130 FMC130 FMC130 FMM130 FMB140 FMB150 FMC150 FMM150 FMB900 FMB920 FMB962 FMB964 FMB964 FMB001 FMT100 MTB100 FMB202 FMB204 FMB204 FMB206 FMT100 MTB100 MTB100 FMB140	OBD elements
281	Fault Codes	variable	ASCII	0	128	-	-	Fault Codes (values separated via ",")	FMBXXX FMB001 FMC001 FMB010 FMB003 FMB110 FMB120 FMB122 FMB125 FMB125 FMC125 FMC125 FMM125 FMB130 FMB130 FMB130 FMC130 FMC130 FMM130 FMB140 FMB150 FMC150 FMM150 FMB900 FMB920 FMB962 FMB964 FMB964 FMB001 FMT100 MTB100 FMB202 FMB204 FMB204 FMB206 FMT100 MTB100 MTB100 FMB140	OBD elements

60	Fuel Rate	2	Unsigned	0	32767	0.01	L/h	Engine fuel rate, L/h*100	FMBXXX FMB001 FMC001 FMB010 FMB003 FMB110 FMB120 FMB122 FMB125 FMB125 FMC125 FMM125 FMB130 FMB130 FMC130 FMM130 FMB140 FMB150 FMC150 FMM150 FMB900 FMB920 FMB962 FMB964 FM3001 FMT100 MTB100 FMB202 FMB204 FMB206 FMT100 MTB100 FMB140	OBD elements
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OBD OEM elements

Property ID in AVL packet	Property Name	Bytes	Type	Value range		Multiplier	Units	Description	HW Support	Parameter Group
				Min	Max					
389	OBD OEM Total Mileage	4	Unsigned	0	0xffffffff	-	km	Total mileage received by requesting vehicle specific PID	FMB003	OBD OEM elements
390	OBD OEM Fuel Level	4	Unsigned	0	0xffffffff	0.1	l	Fuel level in litres received by requesting vehicle specific PID	FMB003	OBD OEM elements
402	OEM Distance Until Service	4	Unsigned	0	0xffffffff	-	km	Distance till next service received by requesting vehicle specific PID	FMB001 FMC001 FMM001 FMB003 FMC003 FMM003	OBD OEM elements
410	OEM Battery charge state	1	Unsigned	0	1	-	-	0 - Not charging 1 - Charging	FMB001 FMC001 FMM001 FMB003 FMC003 FMM003	OBD OEM elements
411	OEM Battery charge level	1	Unsigned	0	100	-	%	Represents battery charged level	FMB001 FMC001 FMM001 FMB003 FMC003 FMM003	OBD OEM elements
412	OEM Battery power consumption	2	Unsigned	0	65535	-	kWh/100km	Represents battery power consumption	FMB001 FMC001 FMM001 FMB003 FMC003 FMM003	OBD OEM elements
755	OEM Remaining distance	2	Unsigned	0	65535	-	km	Remaining distance until fuel tank empty or battery (EV) depleted	FMB001 FMC001 FMM001 FMB003 FMC003 FMM003	OBD OEM elements
1151	OEM Battery State Of Health	2	Unsigned	0	65535	-	%	Battery State of Health	FMB001 FMC001 FMM001 FMB003 FMC003 FMM003	OBD OEM elements
1152	OEM Battery Temperature	2	Signed	-32768	32767	-	°C	Battery pack temperature	FMB001 FMC001 FMM001 FMB003 FMC003 FMM003	OBD OEM elements

BLE Sensors I/O elements

Property ID in AVL packet	Property Name	Bytes	Type	Value range		Multiplier	Units	Description	HW Support	Parameter Group
				Min	Max					

385

Beacon

Variable

HEX

0

1024

-

-

List of Beacon IDs

[FMBX](#)
[XX](#)
[FMB0](#)
[01](#)
[FMC0](#)
[01](#)
[FMB0](#)
[10](#)
[FMB0](#)
[02](#)
[FMB0](#)
[20](#)
[FMB0](#)
[03](#)
[FMB1](#)
[10](#)
[FMB1](#)
[20](#)
[FMB1](#)
[22](#)
[FMB1](#)
[25](#)
[FMU1](#)
[25](#)
[FMC1](#)
[25](#)
[FMB1](#)
[30](#)
[FMU1](#)
[30](#)
[FMC1](#)
[30](#)
[FMB1](#)
[40](#)
[FMB1](#)
[50](#)
[FMC1](#)
[50](#)
[FMM](#)
[150](#)
[FMB9](#)
[00](#)
[FMB9](#)
[20](#)
[FMB9](#)
[10](#)
[FMB9](#)
[62](#)
[FMB9](#)
[64](#)
[FM30](#)
[01](#)
[FMB2](#)
[02](#)
[FMB2](#)
[04](#)
[FMB2](#)
[06](#)
[FMT1](#)
[00](#)
[MTB1](#)
[00](#)
[FMP1](#)
[00](#)
[FMB1](#)
[40](#)
[FMC8](#)
[00](#)
[FMM](#)
[800](#)
[FMM](#)
[80A](#)

Permanent I/O elements

										FMBX XX FMB0 01 FMC0 01 FMB0 10 FMB0 02 FMB0 20 FMB0 03 FMB1 10 FMB1 20 FMB1 22 FMB1 25 FMU1 25 FMC1 25 FMB1 30 FMU1 30 FMC1 30 FMB1 40 FMB1 50 FMC1 50 FMM 150 FMB9 00 FMB9 20 FMB9 10 FMB9 62 FMB9 64 FM30 01 FMB2 02 FMB2 04 FMB2 06 FMT1 00 MTB1 00 FMP1 00 FMB1 40 FMC8 00 FMM 800 FMM 80A	
548	Advanced BLE Beacon data	1024	HEX	0	1024	-	-	List of Beacon Ids and their data when advanced Beacon mode is selected	Eventual I/O elements		

25	BLE Temperature #1	2	Signed	-4000 12500 0.01*	°C	<p>Degrees (°C), -40 - +125; Error codes: 4000 - abnormal sensor state 3000 - sensor not found 2000 - failed sensor data parsing From firmware version 03.28.00 and up: 32767 - sensor not found 32766 - failed sensor data parsing 32765 - abnormal sensor state</p>	FMBX XX FMB0 01 FMC0 01 FMB0 10 FMB0 02 FMB0 20 FMB0 03 FMB1 10 FMB1 20 FMB1 22 FMB1 25 FMU1 25 FMC1 25 FMB1 30 FMU1 30 FMC1 30 FMB1 40 FMB1 50 FMC1 50 FMM 150 FMB9 00 FMB9 20 FMB9 10 FMB9 62 FMB9 64 FM30 01 FMB2 02 FMB2 04 FMB2 06 FMT1 00 MTB1 00 FMP1 00 FMB1 40 MSP5 00 FMC8 00 FMM 800 FMM 80A	Bluetooth Low Energy
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26	BLE Temperature #2	2	Signed	-4000 12500 0.01*	°C	<p>Degrees (°C), -40 - +125; Error codes: 4000 - abnormal sensor state 3000 - sensor not found 2000 - failed sensor data parsing From firmware version 03.28.00 and up: 32767 - sensor not found 32766 - failed sensor data parsing 32765 - abnormal sensor state</p>	FMBX XX FMB0 01 FMC0 01 FMB0 10 FMB0 02 FMB0 20 FMB0 03 FMB1 10 FMB1 20 FMB1 22 FMB1 25 FMU1 25 FMC1 25 FMB1 30 FMU1 30 FMC1 30 FMB1 40 FMB1 50 FMC1 50 FMM 150 FMB9 00 FMB9 20 FMB9 10 FMB9 62 FMB9 64 FM30 01 FMB2 02 FMB2 04 FMB2 06 FMT1 00 MTB1 00 FMP1 00 FMB1 40 MSP5 00 FMC8 00 FMM 800 FMM 80A	Bluetooth Low Energy
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27	BLE Temperature #3	2	Signe d	-4000 12500 0.01* °C	Degrees (°C), -40 - +125; Error codes: 4000 - abnormal sensor state 3000 - sensor not found 2000 - failed sensor data parsing From firmware version 03.28.00 and up: 32767 - sensor not found 32766 - failed sensor data parsing 32765 - abnormal sensor state	FMBX XX FMB0 01 FMC0 01 FMB0 10 FMB0 02 FMB0 20 FMB0 03 FMB1 10 FMB1 20 FMB1 22 FMB1 25 FMU1 25 FMC1 25 FMB1 30 FMU1 30 FMC1 30 FMB1 40 FMB1 50 FMC1 50 FMM 150 FMB9 00 FMB9 20 FMB9 10 FMB9 62 FMB9 64 FM30 01 FMB2 02 FMB2 04 FMB2 06 FMT1 00 MTB1 00 FMP1 00 FMB1 40 MSP5 00 FMC8 00 FMM 800 FMM 80A	Bluetooth Low Energy
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28	BLE Temperature #4	2	Signed	-4000 12500 0.01*	°C	<p>Degrees (°C), -40 - +125; Error codes: 4000 - abnormal sensor state 3000 - sensor not found 2000 - failed sensor data parsing From firmware version 03.28.00 and up: 32767 - sensor not found 32766 - failed sensor data parsing 32765 - abnormal sensor state</p>	FMBX XX FMB0 01 FMC0 01 FMB0 10 FMB0 02 FMB0 20 FMB0 03 FMB1 10 FMB1 20 FMB1 22 FMB1 25 FMU1 25 FMC1 25 FMB1 30 FMU1 30 FMC1 30 FMB1 40 FMB1 50 FMC1 50 FMM 150 FMB9 00 FMB9 20 FMB9 10 FMB9 62 FMB9 64 FM30 01 FMB2 02 FMB2 04 FMB2 06 FMT1 00 MTB1 00 FMP1 00 FMB1 40 MSP5 00 FMC8 00 FMM 800 FMM 80A	Bluetooth Low Energy
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29	BLE Battery #1	1	Unsigned	0	100	-	%	Battery level of sensor #1	FMBX XX FMB0 01 FMC0 01 FMB0 10 FMB0 02 FMB0 20 FMB0 03 FMB1 10 FMB1 20 FMB1 22 FMB1 25 FMU1 25 FMC1 25 FMB1 30 FMU1 30 FMC1 30 FMB1 40 FMB1 50 FMC1 50 FMM 150 FMB9 00 FMB9 20 FMB9 10 FMB9 62 FMB9 64 FM30 01 FMB2 02 FMB2 04 FMB2 06 FMT1 00 MTB1 00 FMP1 00 FMB1 40 MSP5 00 FMC8 00 FMM 800 FMM 80A	Bluetooth Low Energy
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20	BLE Battery #2	1	Unsigned	0	100	-	%	Battery level of sensor #2	FMBX XX FMB0 01 FMC0 01 FMB0 10 FMB0 02 FMB0 20 FMB0 03 FMB1 10 FMB1 20 FMB1 22 FMB1 25 FMU1 25 FMC1 25 FMB1 30 FMU1 30 FMC1 30 FMB1 40 FMB1 50 FMC1 50 FMM 150 FMB9 00 FMB9 20 FMB9 10 FMB9 62 FMB9 64 FM30 01 FMB2 02 FMB2 04 FMB2 06 FMT1 00 MTB1 00 FMP1 00 FMB1 40 MSP5 00 FMC8 00 FMM 800 FMM 80A	Bluetooth Low Energy
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22	BLE Battery #3	1	Unsigned	0	100	-	%	Battery level of sensor #3	FMBX XX FMB0 01 FMC0 01 FMB0 10 FMB0 02 FMB0 20 FMB0 03 FMB1 10 FMB1 20 FMB1 22 FMB1 25 FMU1 25 FMC1 25 FMB1 30 FMU1 30 FMC1 30 FMB1 40 FMB1 50 FMC1 50 FMM 150 FMB9 00 FMB9 20 FMB9 10 FMB9 62 FMB9 64 FM30 01 FMB2 02 FMB2 04 FMB2 06 FMT1 00 MTB1 00 FMP1 00 FMB1 40 MSP5 00 FMC8 00 FMM 800 FMM 80A	Bluetooth Low Energy
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23	BLE Battery #4	1	Unsigned	0	100	-	%	Battery level of sensor #4	FMBX XX FMB0 01 FMC0 01 FMB0 10 FMB0 02 FMB0 20 FMB0 03 FMB1 10 FMB1 20 FMB1 22 FMB1 25 FMU1 25 FMC1 25 FMB1 30 FMU1 30 FMC1 30 FMB1 40 FMB1 50 FMC1 50 FMM 150 FMB9 00 FMB9 20 FMB9 10 FMB9 62 FMB9 64 FM30 01 FMB2 02 FMB2 04 FMB2 06 FMT1 00 MTB1 00 FMP1 00 FMB1 40 MSP5 00 FMC8 00 FMM 800 FMM 80A	Bluetooth Low Energy
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86	BLE Humidity #1	2	Unsigned	0	1000	0.1*	%RH	Humidity From firmware version 03.28.00 and up: 65535 - sensor not found 65534 - failed sensor data parsing 65533 - abnormal sensor state	FMBX XX FMB0 01 FMC0 01 FMB0 10 FMB0 02 FMB0 20 FMB0 03 FMB1 10 FMB1 20 FMB1 22 FMB1 25 FMU1 25 FMC1 25 FMB1 30 FMU1 30 FMC1 30 FMB1 40 FMB1 50 FMC1 50 FMM 150 FMB9 00 FMB9 20 FMB9 10 FMB9 62 FMB9 64 FM30 01 FMB2 02 FMB2 04 FMB2 06 FMT1 00 MTB1 00 FMP1 00 FMB1 40 MSP5 00 FMC8 00 FMM 800 FMM 80A	Bluetooth Low Energy
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											FMBX XX FMB0 01 FMC0 01 FMB0 10 FMB0 02 FMB0 20 FMB0 03 FMB1 10 FMB1 20 FMB1 22 FMB1 25 FMU1 25 FMC1 25 FMB1 30 FMU1 30 FMC1 30 FMB1 40 FMB1 50 FMC1 50 FMM 150 FMB9 00 FMB9 20 FMB9 10 FMB9 62 FMB9 64 FM30 01 FMB2 02 FMB2 04 FMB2 06 FMT1 00 MTB1 00 FMP1 00 FMB1 40 MSP5 00 FMC8 00 FMM 800 FMM 80A
104	BLE Humidity #2	2	Unsig ned	0	1000	0.1*	%RH	Humidity From firmware version 03.28.00 and up: 65535 - sensor not found 65534 - failed sensor data parsing 65533 - abnormal sensor state		Bluetooth Low Energy	

106	BLE Humidity #3	2	Unsigned	0	1000	0.1*	%RH	Humidity From firmware version 03.28.00 and up: 65535 - sensor not found 65534 - failed sensor data parsing 65533 - abnormal sensor state	FMBX XX FMB0 01 FMC0 01 FMB0 10 FMB0 02 FMB0 20 FMB0 03 FMB1 10 FMB1 20 FMB1 22 FMB1 25 FMU1 25 FMC1 25 FMB1 30 FMU1 30 FMC1 30 FMB1 40 FMB1 50 FMC1 50 FMM 150 FMB9 00 FMB9 20 FMB9 10 FMB9 62 FMB9 64 FM30 01 FMB2 02 FMB2 04 FMB2 06 FMT1 00 MTB1 00 FMP1 00 FMB1 40 MSP5 00 FMC8 00 FMM 800 FMM 80A	Bluetooth Low Energy
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										FMBX	
										XX	
										FMB0	
										01	
										FMC0	
										01	
										FMB0	
										10	
										FMB0	
										02	
										FMB0	
										20	
										FMB0	
										03	
										FMB1	
										10	
										FMB1	
										20	
										FMB1	
										22	
										FMB1	
										25	
										FMU1	
										25	
										FMC1	
										25	
										FMB1	
										30	
										FMU1	
										30	
										FMC1	
										30	
										FMB1	
										40	
										FMB1	
										50	
108	BLE Humidity #4	2	Unsigned	0	1000	0.1*	%RH	Humidity	From firmware version 03.28.00 and up:	FMC1	Bluetooth
									65535 - sensor not found	50	Low Energy
									65534 - failed sensor data parsing	FMM	
									65533 - abnormal sensor state	150	
										FMB9	
										00	
										FMB9	
										20	
										FMB9	
										10	
										FMB9	
										62	
										FMB9	
										64	
										FM30	
										01	
										FMB2	
										02	
										FMB2	
										04	
										FMB2	
										06	
										FMT1	
										00	
										MTB1	
										00	
										FMP1	
										00	
										FMB1	
										40	
										MSP5	
										00	
										FMC8	
										00	
										FMM	
										800	
										FMM	
										80A	

270	BLE Fuel Level #1	2	Unsigned	0	65535	-	-	Fuel Level	FMBX XX FMB0 01 FMC0 01 FMB0 10 FMB0 02 FMB0 20 FMB0 03 FMB1 10 FMB1 20 FMB1 22 FMB1 25 FMU1 25 FMC1 25 FMB1 30 FMU1 30 FMC1 30 FMB1 40 FMB1 50 FMC1 50 FMM 150 FMB9 00 FMB9 20 FMB9 10 FMB9 62 FMB9 64 FM30 01 FMB2 02 FMB2 04 FMB2 06 FMT1 00 MTB1 00 FMP1 00 FMB1 40 MSP5 00 FMC8 00 FMM 800 FMM 80A	Bluetooth Low Energy
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273	BLE Fuel Level #2	2	Unsigned	0	65535	-	-	Fuel Level	FMBX XX FMB0 01 FMC0 01 FMB0 10 FMB0 02 FMB0 20 FMB0 03 FMB1 10 FMB1 20 FMB1 22 FMB1 25 FMU1 25 FMC1 25 FMB1 30 FMU1 30 FMC1 30 FMB1 40 FMB1 50 FMC1 50 FMM 150 FMB9 00 FMB9 20 FMB9 10 FMB9 62 FMB9 64 FM30 01 FMB2 02 FMB2 04 FMB2 06 FMT1 00 MTB1 00 FMP1 00 FMB1 40 MSP5 00 FMC8 00 FMM 800 FMM 80A	Bluetooth Low Energy
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									FMBX XX FMB0 01 FMC0 01 FMB0 10 FMB0 02 FMB0 20 FMB0 03 FMB1 10 FMB1 20 FMB1 22 FMB1 25 FMU1 25 FMC1 25 FMB1 30 FMU1 30 FMC1 30 FMB1 40 FMB1 50 FMC1 50 FMM 150 FMB9 00 FMB9 20 FMB9 10 FMB9 62 FMB9 64 FM30 01 FMB2 02 FMB2 04 FMB2 06 FMT1 00 MTB1 00 FMP1 00 FMB1 40 MSP5 00 FMC8 00 FMM 800 FMM 80A	
306	BLE Fuel Frequency #1	4	Unsigned	0	21474 83647	-	-	Frequency value of BLE fuel sensor #1	Bluetooth Low Energy	

									FMBX	
									XX	
									FMB0	
									01	
									FMC0	
									01	
									FMB0	
									10	
									FMB0	
									02	
									FMB0	
									20	
									FMB0	
									03	
									FMB1	
									10	
									FMB1	
									20	
									FMB1	
									22	
									FMB1	
									25	
									FMU1	
									25	
									FMC1	
									25	
									FMB1	
									30	
									FMU1	
									30	
									FMC1	
									30	
									FMB1	
									40	
									FMB1	
									50	
307	BLE Fuel Frequency #2	4	Unsigned	0	21474	-	-	Frequency value of BLE fuel sensor #2	FMC1	Bluetooth
			ned		83647				50	Low Energy
									FMM	
									150	
									FMB9	
									00	
									FMB9	
									20	
									FMB9	
									10	
									FMB9	
									62	
									FMB9	
									64	
									FM30	
									01	
									FMB2	
									02	
									FMB2	
									04	
									FMB2	
									06	
									FMT1	
									00	
									MTB1	
									00	
									FMP1	
									00	
									FMB1	
									40	
									MSP5	
									00	
									FMC8	
									00	
									FMM	
									800	
									FMM	
									80A	

308	BLE Fuel Frequency #3	4	Unsigned	0	2147483647	-	-	Frequency value of BLE fuel sensor #3	FMBX XX FMB0 01 FMC0 01 FMB0 10 FMB0 02 FMB0 20 FMB0 03 FMB1 10 FMB1 20 FMB1 22 FMB1 25 FMU1 25 FMC1 25 FMB1 30 FMU1 30 FMC1 30 FMB1 40 FMB1 50 FMC1 50 FMM 150 FMB9 00 FMB9 20 FMB9 10 FMB9 62 FMB9 64 FM30 01 FMB2 02 FMB2 04 FMB2 06 FMT1 00 MTB1 00 FMP1 00 FMB1 40 MSP5 00 FMC8 00 FMM 800 FMM 80A	Bluetooth Low Energy
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309	BLE Fuel Frequency #4	4	Unsigned	0	2147483647	-	-	Frequency value of BLE fuel sensor #4	FMBX XX FMB0 01 FMC0 01 FMB0 10 FMB0 02 FMB0 20 FMB0 03 FMB1 10 FMB1 20 FMB1 22 FMB1 25 FMU1 25 FMC1 25 FMB1 30 FMU1 30 FMC1 30 FMB1 40 FMB1 50 FMC1 50 FMM 150 FMB9 00 FMB9 20 FMB9 10 FMB9 62 FMB9 64 FM30 01 FMB2 02 FMB2 04 FMB2 06 FMT1 00 MTB1 00 FMP1 00 FMB1 40 MSP5 00 FMC8 00 FMM 800 FMM 80A	Bluetooth Low Energy
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									FMBX XX FMB0 01 FMC0 01 FMB0 10 FMB0 02 FMB0 20 FMB0 03 FMB1 10 FMB1 20 FMB1 22 FMB1 25 FMU1 25 FMC1 25 FMB1 30 FMU1 30 FMC1 30 FMB1 40 FMB1 50 FMC1	
335	BLE Luminosity #1	2	Unsig ned	0	0xFF FF	-	lx	Luminosity value of BLE sensor	FMC1 50 FMM 150 FMB9 00 FMB9 20 FMB9 10 FMB9 62 FMB9 64 FM30 01 FMB2 02 FMB2 04 FMB2 06 FMT1 00 MTB1 00 FMP1 00 FMB1 40 MSP5 00 FMC8 00 FMM 800 FMM 80A	Bluetooth Low Energy

										FMBX	
										XX	
										FMB0	
										01	
										FMC0	
										01	
										FMB0	
										10	
										FMB0	
										02	
										FMB0	
										20	
										FMB0	
										03	
										FMB1	
										10	
										FMB1	
										20	
										FMB1	
										22	
										FMB1	
										25	
										FMU1	
										25	
										FMC1	
										25	
										FMB1	
										30	
										FMU1	
										30	
										FMC1	
										30	
										FMB1	
										40	
										FMB1	
										50	
336	BLE Luminosity #2	2	Unsigned	0	0xFF	-	lx	Luminosity value of BLE sensor		FMC1	Bluetooth
			ned		FF					50	Low Energy
										FMM	
										150	
										FMB9	
										00	
										FMB9	
										20	
										FMB9	
										10	
										FMB9	
										62	
										FMB9	
										64	
										FM30	
										01	
										FMB2	
										02	
										FMB2	
										04	
										FMB2	
										06	
										FMT1	
										00	
										MTB1	
										00	
										FMP1	
										00	
										FMB1	
										40	
										MSP5	
										00	
										FMC8	
										00	
										FMM	
										800	
										FMM	
										80A	

								FMBX		
								XX		
								FMB0		
								01		
								FMC0		
								01		
								FMB0		
								10		
								FMB0		
								02		
								FMB0		
								20		
								FMB0		
								03		
								FMB1		
								10		
								FMB1		
								20		
								FMB1		
								22		
								FMB1		
								25		
								FMU1		
								25		
								FMC1		
								25		
								FMB1		
								30		
								FMU1		
								30		
								FMC1		
								30		
								FMB1		
								40		
								FMB1		
								50		
337	BLE Luminosity #3	2	Unsigned	0	0xFF FF	-	lx	Luminosity value of BLE sensor	FMC1	Bluetooth Low Energy
								50		
								FMM		
								150		
								FMB9		
								00		
								FMB9		
								20		
								FMB9		
								10		
								FMB9		
								62		
								FMB9		
								64		
								FM30		
								01		
								FMB2		
								02		
								FMB2		
								04		
								FMB2		
								06		
								FMT1		
								00		
								MTB1		
								00		
								FMP1		
								00		
								FMB1		
								40		
								MSP5		
								00		
								FMC8		
								00		
								FMM		
								800		
								FMM		
								80A		

									FMBX	
									XX	
									FMB0	
									01	
									FMC0	
									01	
									FMB0	
									10	
									FMB0	
									02	
									FMB0	
									20	
									FMB0	
									03	
									FMB1	
									10	
									FMB1	
									20	
									FMB1	
									22	
									FMB1	
									25	
									FMU1	
									25	
									FMC1	
									25	
									FMB1	
									30	
									FMU1	
									30	
									FMC1	
									30	
									FMB1	
									40	
									FMB1	
									50	
338	BLE Luminosity #4	2	Unsigned	0	0xFF	-	lx	Luminosity value of BLE sensor	FMC1	Bluetooth
			ned		FF				50	Low Energy
									FMM	
									150	
									FMB9	
									00	
									FMB9	
									20	
									FMB9	
									10	
									FMB9	
									62	
									FMB9	
									64	
									FM30	
									01	
									FMB2	
									02	
									FMB2	
									04	
									FMB2	
									06	
									FMT1	
									00	
									MTB1	
									00	
									FMP1	
									00	
									FMB1	
									40	
									MSP5	
									00	
									FMC8	
									00	
									FMM	
									800	
									FMM	
									80A	

										FMBX XX FMB0 01 FMC0 01 FMB0 10 FMB0 02 FMB0 20 FMB0 03 FMB1 10 FMB1 20 FMB1 22 FMB1 25 FMU1 25 FMC1 25 FMB1 30 FMU1 30 FMC1 30 FMB1 40 FMB1 50 FMC1 50 FMM 150 FMB9 00 FMB9 20 FMB9 10 FMB9 62 FMB9 64 FM30 01 FMB2 02 FMB2 04 FMB2 06 FMT1 00 MTB1 00 FMP1 00 FMB1 40 MSP5 00 FMC8 00 FMM 800 FMM 80A	
331	BLE 1 Custom #1	Variable	HEX	0	-	-	-	Custom IO element for BLE sensor		Bluetooth Low Energy	

463	BLE 1 Custom #2	4	UNSI GNED LONG INT	0	42949 67295	-	-	Custom IO element for BLE sensor	FMBX XX FMB0 01 FMC0 01 FMB0 10 FMB0 02 FMB0 20 FMB0 03 FMB1 10 FMB1 20 FMB1 22 FMB1 25 FMU1 25 FMC1 25 FMB1 30 FMU1 30 FMC1 30 FMB1 40 FMB1 50 FMC1 50 FMM 150 FMB9 00 FMB9 20 FMB9 10 FMB9 62 FMB9 64 FM30 01 FMB2 02 FMB2 04 FMB2 06 FMT1 00 MTB1 00 FMP1 00 FMB1 40 MSP5 00 FMC8 00 FMM 800 FMM 80A	Bluetooth Low Energy
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464	BLE 1 Custom #3	4	UNSI GNED LONG INT	0	42949 67295	-	-	Custom IO element for BLE sensor	FMBX XX FMB0 01 FMC0 01 FMB0 10 FMB0 02 FMB0 20 FMB0 03 FMB1 10 FMB1 20 FMB1 22 FMB1 25 FMU1 25 FMC1 25 FMB1 30 FMU1 30 FMC1 30 FMB1 40 FMB1 50 FMC1 50 FMM 150 FMB9 00 FMB9 20 FMB9 10 FMB9 62 FMB9 64 FM30 01 FMB2 02 FMB2 04 FMB2 06 FMT1 00 MTB1 00 FMP1 00 FMB1 40 MSP5 00 FMC8 00 FMM 800 FMM 80A	Bluetooth Low Energy
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465	BLE 1 Custom #4	4	UNSI GNED LONG INT	0	42949 67295	-	-	Custom IO element for BLE sensor	FMBX XX FMB0 01 FMC0 01 FMB0 10 FMB0 02 FMB0 20 FMB0 03 FMB1 10 FMB1 20 FMB1 22 FMB1 25 FMU1 25 FMC1 25 FMB1 30 FMU1 30 FMC1 30 FMB1 40 FMB1 50 FMC1 50 FMM 150 FMB9 00 FMB9 20 FMB9 10 FMB9 62 FMB9 64 FM30 01 FMB2 02 FMB2 04 FMB2 06 FMT1 00 MTB1 00 FMP1 00 FMB1 40 MSP5 00 FMC8 00 FMM 800 FMM 80A	Bluetooth Low Energy
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466	BLE 1 Custom #5	4	UNSI GNED LONG INT	0	42949 67295	-	-	Custom IO element for BLE sensor	FMBX XX FMB0 01 FMC0 01 FMB0 10 FMB0 02 FMB0 20 FMB0 03 FMB1 10 FMB1 20 FMB1 22 FMB1 25 FMU1 25 FMC1 25 FMB1 30 FMU1 30 FMC1 30 FMB1 40 FMB1 50 FMC1 50 FMM 150 FMB9 00 FMB9 20 FMB9 10 FMB9 62 FMB9 64 FM30 01 FMB2 02 FMB2 04 FMB2 06 FMT1 00 MTB1 00 FMP1 00 FMB1 40 MSP5 00 FMC8 00 FMM 800 FMM 80A	Bluetooth Low Energy
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467	BLE 2 Custom #2	4	UNSI GNED LONG INT	0	42949 67295	-	-	Custom IO element for BLE sensor	FMBX XX FMB0 01 FMC0 01 FMB0 10 FMB0 02 FMB0 20 FMB0 03 FMB1 10 FMB1 20 FMB1 22 FMB1 25 FMU1 25 FMC1 25 FMB1 30 FMU1 30 FMC1 30 FMB1 40 FMB1 50 FMC1 50 FMM 150 FMB9 00 FMB9 20 FMB9 10 FMB9 62 FMB9 64 FM30 01 FMB2 02 FMB2 04 FMB2 06 FMT1 00 MTB1 00 FMP1 00 FMB1 40 MSP5 00 FMC8 00 FMM 800 FMM 80A	Bluetooth Low Energy
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468	BLE 2 Custom #3	4	UNSI GNED LONG INT	0	42949 67295	-	-	Custom IO element for BLE sensor	FMBX XX FMB0 01 FMC0 01 FMB0 10 FMB0 02 FMB0 20 FMB0 03 FMB1 10 FMB1 20 FMB1 22 FMB1 25 FMU1 25 FMC1 25 FMB1 30 FMU1 30 FMC1 30 FMB1 40 FMB1 50 FMC1 50 FMM 150 FMB9 00 FMB9 20 FMB9 10 FMB9 62 FMB9 64 FM30 01 FMB2 02 FMB2 04 FMB2 06 FMT1 00 MTB1 00 FMP1 00 FMB1 40 MSP5 00 FMC8 00 FMM 800 FMM 80A	Bluetooth Low Energy
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469	BLE 2 Custom #4	4	UNSI GNED LONG INT	0	42949 67295	-	-	Custom IO element for BLE sensor	FMBX XX FMB0 01 FMC0 01 FMB0 10 FMB0 02 FMB0 20 FMB0 03 FMB1 10 FMB1 20 FMB1 22 FMB1 25 FMU1 25 FMC1 25 FMB1 30 FMU1 30 FMC1 30 FMB1 40 FMB1 50 FMC1 50 FMM 150 FMB9 00 FMB9 20 FMB9 10 FMB9 62 FMB9 64 FM30 01 FMB2 02 FMB2 04 FMB2 06 FMT1 00 MTB1 00 FMP1 00 FMB1 40 MSP5 00 FMC8 00 FMM 800 FMM 80A	Bluetooth Low Energy
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470	BLE 2 Custom #5	4	UNSI GNED LONG INT	0	42949 67295	-	-	Custom IO element for BLE sensor	FMBX XX FMB0 01 FMC0 01 FMB0 10 FMB0 02 FMB0 20 FMB0 03 FMB1 10 FMB1 20 FMB1 22 FMB1 25 FMU1 25 FMC1 25 FMB1 30 FMU1 30 FMC1 30 FMB1 40 FMB1 50 FMC1 50 FMM 150 FMB9 00 FMB9 20 FMB9 10 FMB9 62 FMB9 64 FM30 01 FMB2 02 FMB2 04 FMB2 06 FMT1 00 MTB1 00 FMP1 00 FMB1 40 MSP5 00 FMC8 00 FMM 800 FMM 80A	Bluetooth Low Energy
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									FMBX XX FMB0 01 FMC0 01 FMB0 10 FMB0 02 FMB0 20 FMB0 03 FMB1 10 FMB1 20 FMB1 22 FMB1 25 FMU1 25 FMC1 25 FMB1 30 FMU1 30 FMC1 30 FMB1 40 FMB1 50 FMC1 50 FMM 150 FMB9 00 FMB9 20 FMB9 10 FMB9 62 FMB9 64 FM30 01 FMB2 02 FMB2 04 FMB2 06 FMT1 00 MTB1 00 FMP1 00 FMB1 40 MSP5 00 FMC8 00 FMM 800 FMM 80A	Bluetooth Low Energy
333	BLE 3 Custom #1	Variable	HEX	0	-	-	-	Custom IO element for BLE sensor		

471	BLE 3 Custom #2	4	UNSI GNED LONG INT	0	42949 67295	-	-	Custom IO element for BLE sensor	FMBX XX FMB0 01 FMC0 01 FMB0 10 FMB0 02 FMB0 20 FMB0 03 FMB1 10 FMB1 20 FMB1 22 FMB1 25 FMU1 25 FMC1 25 FMB1 30 FMU1 30 FMC1 30 FMB1 40 FMB1 50 FMC1 50 FMM 150 FMB9 00 FMB9 20 FMB9 10 FMB9 62 FMB9 64 FM30 01 FMB2 02 FMB2 04 FMB2 06 FMT1 00 MTB1 00 FMP1 00 FMB1 40 MSP5 00 FMC8 00 FMM 800 FMM 80A	Bluetooth Low Energy
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472	BLE 3 Custom #3	4	UNSI GNED LONG INT	0	42949 67295	-	-	Custom IO element for BLE sensor	FMBX XX FMB0 01 FMC0 01 FMB0 10 FMB0 02 FMB0 20 FMB0 03 FMB1 10 FMB1 20 FMB1 22 FMB1 25 FMU1 25 FMC1 25 FMB1 30 FMU1 30 FMC1 30 FMB1 40 FMB1 50 FMC1 50 FMM 150 FMB9 00 FMB9 20 FMB9 10 FMB9 62 FMB9 64 FM30 01 FMB2 02 FMB2 04 FMB2 06 FMT1 00 MTB1 00 FMP1 00 FMB1 40 MSP5 00 FMC8 00 FMM 800 FMM 80A	Bluetooth Low Energy
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473	BLE 3 Custom #4	4	UNSI GNED LONG INT	0	42949 67295	-	-	Custom IO element for BLE sensor	FMBX XX FMB0 01 FMC0 01 FMB0 10 FMB0 02 FMB0 20 FMB0 03 FMB1 10 FMB1 20 FMB1 22 FMB1 25 FMU1 25 FMC1 25 FMB1 30 FMU1 30 FMC1 30 FMB1 40 FMB1 50 FMC1 50 FMM 150 FMB9 00 FMB9 20 FMB9 10 FMB9 62 FMB9 64 FM30 01 FMB2 02 FMB2 04 FMB2 06 FMT1 00 MTB1 00 FMP1 00 FMB1 40 MSP5 00 FMC8 00 FMM 800 FMM 80A	Bluetooth Low Energy
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									FMBX	
									XX	
									FMB0	
									01	
									FMC0	
									01	
									FMB0	
									10	
									FMB0	
									02	
									FMB0	
									20	
									FMB0	
									03	
									FMB1	
									10	
									FMB1	
									20	
									FMB1	
									22	
									FMB1	
									25	
									FMU1	
									25	
									FMC1	
									25	
									FMB1	
									30	
									FMU1	
									30	
									FMC1	
									30	
									FMB1	
									40	
									FMB1	
									50	
334	BLE 4 Custom #1	Variable	HEX	0	-	-	-	Custom IO element for BLE sensor	FMC1	Bluetooth
									50	Low Energy
									FMM	
									150	
									FMB9	
									00	
									FMB9	
									20	
									FMB9	
									10	
									FMB9	
									62	
									FMB9	
									64	
									FM30	
									01	
									FMB2	
									02	
									FMB2	
									04	
									FMB2	
									06	
									FMT1	
									00	
									MTB1	
									00	
									FMP1	
									00	
									FMB1	
									40	
									MSP5	
									00	
									FMC8	
									00	
									FMM	
									800	
									FMM	
									80A	

475	BLE 4 Custom #2	4	UNSI GNED LONG INT	0	42949 67295	-	-	Custom IO element for BLE sensor	FMBX XX FMB0 01 FMC0 01 FMB0 10 FMB0 02 FMB0 20 FMB0 03 FMB1 10 FMB1 20 FMB1 22 FMB1 25 FMU1 25 FMC1 25 FMB1 30 FMU1 30 FMC1 30 FMB1 40 FMB1 50 FMC1 50 FMM 150 FMB9 00 FMB9 20 FMB9 10 FMB9 62 FMB9 64 FM30 01 FMB2 02 FMB2 04 FMB2 06 FMT1 00 MTB1 00 FMP1 00 FMB1 40 MSP5 00 FMC8 00 FMM 800 FMM 80A	Bluetooth Low Energy
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477	BLE 4 Custom #4	4	UNSI GNED LONG INT	0	42949 67295	-	-	Custom IO element for BLE sensor	FMBX XX FMB0 01 FMC0 01 FMB0 10 FMB0 02 FMB0 20 FMB0 03 FMB1 10 FMB1 20 FMB1 22 FMB1 25 FMU1 25 FMC1 25 FMB1 30 FMU1 30 FMC1 30 FMB1 40 FMB1 50 FMC1 50 FMM 150 FMB9 00 FMB9 20 FMB9 10 FMB9 62 FMB9 64 FM30 01 FMB2 02 FMB2 04 FMB2 06 FMT1 00 MTB1 00 FMP1 00 FMB1 40 MSP5 00 FMC8 00 FMM 800 FMM 80A	Bluetooth Low Energy
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478	BLE 4 Custom #5	4	UNSI GNED LONG INT	0	42949 67295	-	-	Custom IO element for BLE sensor	FMBX XX FMB0 01 FMC0 01 FMB0 10 FMB0 02 FMB0 20 FMB0 03 FMB1 10 FMB1 20 FMB1 22 FMB1 25 FMU1 25 FMC1 25 FMB1 30 FMU1 30 FMC1 30 FMB1 40 FMB1 50 FMC1 50 FMM 150 FMB9 00 FMB9 20 FMB9 10 FMB9 62 FMB9 64 FM30 01 FMB2 02 FMB2 04 FMB2 06 FMT1 00 MTB1 00 FMP1 00 FMB1 40 MSP5 00 FMC8 00 FMM 800 FMM 80A	Bluetooth Low Energy
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CAN adapters elements

Property ID in AVE packet	Property Name	Bytes	Type	Value range Min	Max	Multiplier	Units	Description	HW Support	Parameter Group
81	Vehicle Speed	1	Unsigned	0	255	-	km/h	Vehicle Speed	FMXXXX 0x0110 0x0111 0x0112 0x0113 0x0114 0x0115 0x0116 0x0117 0x0118 0x0119 0x011A 0x011B 0x011C 0x011D 0x011E 0x011F	LUCAN300, ALLCAN300, CANCONTROL
82	Accelerator Pedal Position	1	Unsigned	0	102	-	%	Value in percentages	FMXXXX 0x0110 0x0111 0x0112 0x0113 0x0114 0x0115 0x0116 0x0117 0x0118 0x0119 0x011A 0x011B 0x011C 0x011D 0x011E 0x011F	LUCAN300, ALLCAN300, CANCONTROL
83	Fuel Consumed	4	Unsigned	0	2147483647	0.1	l	Value in liters	FMXXXX 0x0110 0x0111 0x0112 0x0113 0x0114 0x0115 0x0116 0x0117 0x0118 0x0119 0x011A 0x011B 0x011C 0x011D 0x011E 0x011F	LUCAN300, ALLCAN300, CANCONTROL
84	Fuel Level	2	Unsigned	0	65535	0.1	l	Value in liters	FMXXXX 0x0110 0x0111 0x0112 0x0113 0x0114 0x0115 0x0116 0x0117 0x0118 0x0119 0x011A 0x011B 0x011C 0x011D 0x011E 0x011F	LUCAN300, ALLCAN300, CANCONTROL
85	Engine RPM	2	Unsigned	0	16384	-	rpm	Value in rounds per minute	FMXXXX 0x0110 0x0111 0x0112 0x0113 0x0114 0x0115 0x0116 0x0117 0x0118 0x0119 0x011A 0x011B 0x011C 0x011D 0x011E 0x011F	LUCAN300, ALLCAN300, CANCONTROL
87	Total Mileage	4	Unsigned	0	4294967295	-	m	Value in meters	FMXXXX 0x0110 0x0111 0x0112 0x0113 0x0114 0x0115 0x0116 0x0117 0x0118 0x0119 0x011A 0x011B 0x011C 0x011D 0x011E 0x011F	LUCAN300, ALLCAN300, CANCONTROL
89	Fuel level	1	Unsigned	0	100	-	%	Value in percentages	FMXXXX 0x0110 0x0111 0x0112 0x0113 0x0114 0x0115 0x0116 0x0117 0x0118 0x0119 0x011A 0x011B 0x011C 0x011D 0x011E 0x011F	LUCAN300, ALLCAN300, CANCONTROL
90	Door Status	2	Unsigned	0	16128	-	-	Door status value: Min = 0, Max = 16128 Door status is represented as bitmask converted to decimal value. Possible values: 0 - all doors closed 0x0001 (0001) - front left door is opened 0x0002 (0010) - front right door is opened 0x0004 (0011) - rear left door is opened 0x0008 (0100) - rear right door is opened 0x0010 (0101) - hood is opened 0x0020 (0110) - trunk is opened 0x3F00 (16128) - all doors are opened or combinations of values	FMXXXX 0x0110 0x0111 0x0112 0x0113 0x0114 0x0115 0x0116 0x0117 0x0118 0x0119 0x011A 0x011B 0x011C 0x011D 0x011E 0x011F	LUCAN300, ALLCAN300, CANCONTROL
100	Program Number	4	Unsigned	0	99999	-	-	Value: Min = 0, Max = 99999	FMXXXX 0x0110 0x0111 0x0112 0x0113 0x0114 0x0115 0x0116 0x0117 0x0118 0x0119 0x011A 0x011B 0x011C 0x011D 0x011E 0x011F	LUCAN300, ALLCAN300, CANCONTROL
101	Module ID 8B	8	Unsigned	0	0xFFFFFFFFFFFFFFF	-	-	Module ID 8 Bytes	FMXXXX 0x0110 0x0111 0x0112 0x0113 0x0114 0x0115 0x0116 0x0117 0x0118 0x0119 0x011A 0x011B 0x011C 0x011D 0x011E 0x011F	LUCAN300, ALLCAN300, CANCONTROL
108	Module ID 17B	17	HEX	0	0xFFFFFFFFFFFFFFF	-	-	Module ID 17 Bytes	FMXXXX 0x0110 0x0111 0x0112 0x0113 0x0114 0x0115 0x0116 0x0117 0x0118 0x0119 0x011A 0x011B 0x011C 0x011D 0x011E 0x011F	LUCAN300, ALLCAN300, CANCONTROL
102	Engine Worktime	4	Unsigned	0	1677215	-	min	Engine work time	FMXXXX 0x0110 0x0111 0x0112 0x0113 0x0114 0x0115 0x0116 0x0117 0x0118 0x0119 0x011A 0x011B 0x011C 0x011D 0x011E 0x011F	ALLCAN300, CANCONTROL
103	Engine Worktime (rounded)	4	Unsigned	0	1677215	-	min	Total engine work time	FMXXXX 0x0110 0x0111 0x0112 0x0113 0x0114 0x0115 0x0116 0x0117 0x0118 0x0119 0x011A 0x011B 0x011C 0x011D 0x011E 0x011F	ALLCAN300, CANCONTROL
105	Total Mileage (rounded)	4	Unsigned	0	4294967295	-	m	Total Vehicle Mileage	FMXXXX 0x0110 0x0111 0x0112 0x0113 0x0114 0x0115 0x0116 0x0117 0x0118 0x0119 0x011A 0x011B 0x011C 0x011D 0x011E 0x011F	LUCAN300, ALLCAN300, CANCONTROL
107	Fuel Consumed (rounded)	4	Unsigned	0	2147483647	0.1	l	Total Fuel Consumed	FMXXXX 0x0110 0x0111 0x0112 0x0113 0x0114 0x0115 0x0116 0x0117 0x0118 0x0119 0x011A 0x011B 0x011C 0x011D 0x011E 0x011F	LUCAN300, ALLCAN300, CANCONTROL
110	Fuel Rate	2	Unsigned	0	32768	0.1	l/h	Fuel rate	FMXXXX 0x0110 0x0111 0x0112 0x0113 0x0114 0x0115 0x0116 0x0117 0x0118 0x0119 0x011A 0x011B 0x011C 0x011D 0x011E 0x011F	ALLCAN300
111	AdBlue Level	1	Unsigned	0	100	-	%	AdBlue	FMXXXX 0x0110 0x0111 0x0112 0x0113 0x0114 0x0115 0x0116 0x0117 0x0118 0x0119 0x011A 0x011B 0x011C 0x011D 0x011E 0x011F	ALLCAN300

112	AdBlue Level	2	Unsigned	0	6535	0.1	l	AdBlue level	FM8XX 024110 02412 02413 02414 02415 02416 02417 02418 02419 02420 02421 02422 02423 02424 02425 02426 02427 02428 02429	ALLCAN300
114	Engine Load	1	Unsigned	0	130	-	%	Engine Load	FM8XX 024110 02412 02413 02414 02415 02416 02417 02418 02419 02420 02421 02422 02423 02424 02425 02426 02427 02428 02429	ALLCAN300
115	Engine Temperature	2	Signed	-600	1270	0.1	°C	Engine Temperature	FM8XX 024110 02412 02413 02414 02415 02416 02417 02418 02419 02420 02421 02422 02423 02424 02425 02426 02427 02428 02429	LUCAN300, ALLCAN300, CANCONTROL
118	Axle 1 Load	2	Unsigned	0	32768	-	kg	Axle 1 load	FM8XX 024110 02412 02413 02414 02415 02416 02417 02418 02419 02420 02421 02422 02423 02424 02425 02426 02427 02428 02429	ALLCAN300
119	Axle 2 Load	2	Unsigned	0	32768	-	kg	Axle 2 load	FM8XX 024110 02412 02413 02414 02415 02416 02417 02418 02419 02420 02421 02422 02423 02424 02425 02426 02427 02428 02429	ALLCAN300
120	Axle 3 Load	2	Unsigned	0	32768	-	kg	Axle 3 load	FM8XX 024110 02412 02413 02414 02415 02416 02417 02418 02419 02420 02421 02422 02423 02424 02425 02426 02427 02428 02429	ALLCAN300
121	Axle 4 Load	2	Unsigned	0	32768	-	kg	Axle 4 load	FM8XX 024110 02412 02413 02414 02415 02416 02417 02418 02419 02420 02421 02422 02423 02424 02425 02426 02427 02428 02429	ALLCAN300
122	Axle 5 Load	2	Unsigned	0	32768	-	kg	Axle 5 load	FM8XX 024110 02412 02413 02414 02415 02416 02417 02418 02419 02420 02421 02422 02423 02424 02425 02426 02427 02428 02429	ALLCAN300
123	Control State Flags	4	Unsigned	0	429487295	-	-	Control state flags	FM8XX 024110 02412 02413 02414 02415 02416 02417 02418 02419 02420 02421 02422 02423 02424 02425 02426 02427 02428 02429	ALLCAN300, CANCONTROL
124	Agricultural Machinery Flags	8	Unsigned	0	0xFFFFFFF	-	-	Agricultural machinery flags	FM8XX 024110 02412 02413 02414 02415 02416 02417 02418 02419 02420 02421 02422 02423 02424 02425 02426 02427 02428 02429	ALLCAN300
125	Harvesting Time	4	Unsigned	0	1677215	-	min	Harvesting time	FM8XX 024110 02412 02413 02414 02415 02416 02417 02418 02419 02420 02421 02422 02423 02424 02425 02426 02427 02428 02429	ALLCAN300
126	Area of Harvest	4	Unsigned	0	429487295	-	m ²	Area of harvest in square meters	FM8XX 024110 02412 02413 02414 02415 02416 02417 02418 02419 02420 02421 02422 02423 02424 02425 02426 02427 02428 02429	ALLCAN300
127	Mowing Efficiency	4	Unsigned	0	429487295	-	m ³ /h	Mowing efficiency	FM8XX 024110 02412 02413 02414 02415 02416 02417 02418 02419 02420 02421 02422 02423 02424 02425 02426 02427 02428 02429	ALLCAN300
128	Grain Moves Volume	4	Unsigned	0	429487295	-	kg	Grain moves volume	FM8XX 024110 02412 02413 02414 02415 02416 02417 02418 02419 02420 02421 02422 02423 02424 02425 02426 02427 02428 02429	ALLCAN300
129	Grain Moisture	2	Unsigned	0	100	-	%	Grain moisture	FM8XX 024110 02412 02413 02414 02415 02416 02417 02418 02419 02420 02421 02422 02423 02424 02425 02426 02427 02428 02429	ALLCAN300
130	Harvesting Drum RPM	2	Unsigned	0	6535	-	rpm	Harvesting drum rpm	FM8XX 024110 02412 02413 02414 02415 02416 02417 02418 02419 02420 02421 02422 02423 02424 02425 02426 02427 02428 02429	ALLCAN300
131	Cap Under Harvesting Drum	1	Unsigned	0	255	-	mm	Cap under harvesting drum	FM8XX 024110 02412 02413 02414 02415 02416 02417 02418 02419 02420 02421 02422 02423 02424 02425 02426 02427 02428 02429	ALLCAN300
132	Security State Flags	8	Unsigned	0	0xFFFFFFFF	-	-	Security state flags	FM8XX 024110 02412 02413 02414 02415 02416 02417 02418 02419 02420 02421 02422 02423 02424 02425 02426 02427 02428 02429	ALLCAN300, CANCONTROL

133	Tachograph Total Vehicle Distance	4	Unsigned	0	4294987295	-	m	Tachog Total Vehicle Distance	FM30XX 04a0110 04a0111 04a0112 04a0113 04a0114 04a0115 04a0116 04a0117 04a0118 04a0119 04a0120	ALLCAN300
134	Trip Distance	4	Unsigned	0	4294987295	-	m	Trip distance	FM30XX 04a0121 04a0122 04a0123 04a0124 04a0125 04a0126 04a0127 04a0128 04a0129 04a0130	ALLCAN300
135	Tachograph Vehicle Speed	2	Unsigned	0	255	-	km/h	Tachog vehicle speed	FM30XX 04a0131 04a0132 04a0133 04a0134 04a0135 04a0136 04a0137 04a0138 04a0139 04a0140	ALLCAN300
136	Tachog Driver Card Presence	1	Unsigned	0	3	-	-	Tachog Driver Card Presence	FM30XX 04a0141 04a0142 04a0143 04a0144 04a0145 04a0146 04a0147 04a0148 04a0149 04a0150	ALLCAN300
137	Driver 1 Status	1	Unsigned	0	255	-	-	Driver 1 Status	FM30XX 04a0151 04a0152 04a0153 04a0154 04a0155 04a0156 04a0157 04a0158 04a0159 04a0160	ALLCAN300
138	Driver 2 Status	1	Unsigned	0	255	-	-	Driver 2 Status	FM30XX 04a0161 04a0162 04a0163 04a0164 04a0165 04a0166 04a0167 04a0168 04a0169 04a0170	ALLCAN300
139	Driver 1 Continuous Driving Time	2	Unsigned	0	65535	-	min.	Driver 1 Continuous Driving Time, minutes	FM30XX 04a0171 04a0172 04a0173 04a0174 04a0175 04a0176 04a0177 04a0178 04a0179 04a0180	ALLCAN300
140	Driver 2 Continuous Driving Time	2	Unsigned	0	65535	-	min.	Driver 2 Continuous Driving Time, minutes	FM30XX 04a0181 04a0182 04a0183 04a0184 04a0185 04a0186 04a0187 04a0188 04a0189 04a0190	ALLCAN300
141	Driver 1 Cumulative Break Time	2	Unsigned	0	65535	-	min.	Driver 1 Cumulative Break Time, minutes	FM30XX 04a0191 04a0192 04a0193 04a0194 04a0195 04a0196 04a0197 04a0198 04a0199 04a0200	ALLCAN300
142	Driver 2 Cumulative Break Time	2	Unsigned	0	65535	-	min.	Driver 2 Cumulative Break Time, minutes	FM30XX 04a0201 04a0202 04a0203 04a0204 04a0205 04a0206 04a0207 04a0208 04a0209 04a0210	ALLCAN300
143	Driver 1 Selected Activity Duration	2	Unsigned	0	65535	-	min.	Driver 1 Duration Of Selected Activity, minutes	FM30XX 04a0211 04a0212 04a0213 04a0214 04a0215 04a0216 04a0217 04a0218 04a0219 04a0220	ALLCAN300
144	Driver 2 Selected Activity Duration	2	Unsigned	0	65535	-	min.	Driver 2 Duration Of Selected Activity, minutes	FM30XX 04a0221 04a0222 04a0223 04a0224 04a0225 04a0226 04a0227 04a0228 04a0229 04a0230	ALLCAN300
145	Driver 1 Cumulative Driving Time	2	Unsigned	0	65535	-	min.	Driver 1 Cumulative Driving Time, minutes	FM30XX 04a0231 04a0232 04a0233 04a0234 04a0235 04a0236 04a0237 04a0238 04a0239 04a0240	ALLCAN300
146	Driver 2 Cumulative Driving Time	2	Unsigned	0	65535	-	min.	Driver 2 Cumulative Driving Time, minutes	FM30XX 04a0241 04a0242 04a0243 04a0244 04a0245 04a0246 04a0247 04a0248 04a0249 04a0250	ALLCAN300
147	Driver 1 ID High	8	Unsigned	0	0aFFFFFFFFFFFFFF	-	-	Driver 1 ID High	FM30XX 04a0251 04a0252 04a0253 04a0254 04a0255 04a0256 04a0257 04a0258 04a0259 04a0260	ALLCAN300
148	Driver 1 ID Low	8	Unsigned	0	0aFFFFFFFFFFFFFF	-	-	Driver 1 ID Low	FM30XX 04a0261 04a0262 04a0263 04a0264 04a0265 04a0266 04a0267 04a0268 04a0269 04a0270	ALLCAN300
149	Driver 2 ID High	8	Unsigned	0	0aFFFFFFFFFFFFFF	-	-	Driver 2 ID High	FM30XX 04a0271 04a0272 04a0273 04a0274 04a0275 04a0276 04a0277 04a0278 04a0279 04a0280	ALLCAN300
150	Driver 2 ID Low	8	Unsigned	0	0aFFFFFFFFFFFFFF	-	-	Driver 2 ID Low	FM30XX 04a0281 04a0282 04a0283 04a0284 04a0285 04a0286 04a0287 04a0288 04a0289 04a0290	ALLCAN300
151	Battery Temperature	2	Signed	-600	1270	0.1	°C	Battery temperature in Celsius	FM30XX 04a0291 04a0292 04a0293 04a0294 04a0295 04a0296 04a0297 04a0298 04a0299 04a0300	ALLCAN300
152	BV Battery Level	1	Unsigned	0	100	-	%	Battery level in percent	FM30XX 04a0301 04a0302 04a0303 04a0304 04a0305 04a0306 04a0307 04a0308 04a0309 04a0310	ALLCAN300, CANCONTROL
160	DTC Faults	1	Unsigned	0	255	-	-	DTC faults Count	FM30XX 04a0311 04a0312 04a0313 04a0314 04a0315 04a0316 04a0317 04a0318 04a0319 04a0320	ALLCAN300, CANCONTROL
161	Slope of Arm	2	Signed	-3276	3276	-	Degrees °	Slope Of Arm	FM30XX 04a0321 04a0322 04a0323 04a0324 04a0325 04a0326 04a0327 04a0328 04a0329 04a0330	ALLCAN300
162	Rotation of Arm	2	Signed	-180	180	-	Degrees °	Rotation Of Arm	FM30XX 04a0331 04a0332 04a0333 04a0334 04a0335 04a0336 04a0337 04a0338 04a0339 04a0340	ALLCAN300
163	Eject of Arm	2	Unsigned	0	6553	-	m	Eject of arm	FM30XX 04a0341 04a0342 04a0343 04a0344 04a0345 04a0346 04a0347 04a0348 04a0349 04a0350	ALLCAN300

144	Horizontal Distance Arm Vehicle	2	Unassigned	0	6553	-	m	Horizontal Distance Arm Vehicle	FM8XXX 1242116 1242117 1242118 1242119 1242120 1242121 1242122 1242123 1242124 1242125 1242126 1242127 1242128 1242129 1242130	ALLCAND30
145	Height Arm Above Ground	2	Unassigned	0	6553	-	m	Height Arm Above Ground	FM8XXX 1242131 1242132 1242133 1242134 1242135 1242136 1242137 1242138 1242139 1242140	ALLCAND30
146	Dial RPM	2	Unassigned	0	65535	-	rpm	Dial RPM	FM8XXX 1242141 1242142 1242143 1242144 1242145 1242146 1242147 1242148 1242149 1242150	ALLCAND30
147	Amount Of Spread Salt Square Meter	2	Unassigned	0	655	-	gm ²	Amount Of Spread Salt Square Meter	FM8XXX 1242151 1242152 1242153 1242154 1242155 1242156 1242157 1242158 1242159 1242160	ALLCAND30
148	Battery Voltage	2	Unassigned	0	6553	-	V	Battery Voltage	FM8XXX 1242161 1242162 1242163 1242164 1242165 1242166 1242167 1242168 1242169 1242170	ALLCAND30
149	Amount Of Spread Fine Grained Salt	4	Unassigned	0	1677722	-	T	Amount Of Spread Fine Grained Salt	FM8XXX 1242171 1242172 1242173 1242174 1242175 1242176 1242177 1242178 1242179 1242180	ALLCAND30
170	Amount Of Coarse Grained Salt	4	Unassigned	0	1677722	-	T	Amount Of Coarse Grained Salt	FM8XXX 1242181 1242182 1242183 1242184 1242185 1242186 1242187 1242188 1242189 1242190	ALLCAND30
171	Amount Of Spread DDMs	4	Unassigned	0	1677722	-	T	Amount Of Spread DDMs	FM8XXX 1242191 1242192 1242193 1242194 1242195 1242196 1242197 1242198 1242199 1242200	ALLCAND30
172	Amount Of Spread Coarse Grained Calcium	4	Unassigned	0	1677722	-	m ³	Amount Of Spread Coarse Grained Calcium	FM8XXX 1242201 1242202 1242203 1242204 1242205 1242206 1242207 1242208 1242209 1242210	ALLCAND30
173	Amount Of Spread Calcium Chloride	4	Unassigned	0	1677722	-	m ³	Amount Of Spread Calcium Chloride	FM8XXX 1242211 1242212 1242213 1242214 1242215 1242216 1242217 1242218 1242219 1242220	ALLCAND30
174	Amount Of Spread Sodium Chloride	4	Unassigned	0	1677722	-	m ³	Amount Of Spread Sodium Chloride	FM8XXX 1242221 1242222 1242223 1242224 1242225 1242226 1242227 1242228 1242229 1242230	ALLCAND30
176	Amount Of Spread Magnesium Chloride	4	Unassigned	0	1677722	-	m ³	Amount Of Spread Magnesium Chloride	FM8XXX 1242231 1242232 1242233 1242234 1242235 1242236 1242237 1242238 1242239 1242240	ALLCAND30
177	Amount Of Spread Gravel	4	Unassigned	0	1677722	-	T	Amount Of Spread Gravel	FM8XXX 1242241 1242242 1242243 1242244 1242245 1242246 1242247 1242248 1242249 1242250	ALLCAND30
178	Amount Of Spread Sand	4	Unassigned	0	1677722	-	T	Amount Of Spread Sand	FM8XXX 1242251 1242252 1242253 1242254 1242255 1242256 1242257 1242258 1242259 1242260	ALLCAND30
183	Width Peering Left	2	Unassigned	0	655	-	m	Width Peering Left	FM8XXX 1242261 1242262 1242263 1242264 1242265 1242266 1242267 1242268 1242269 1242270	ALLCAND30
184	Width Peering Right	2	Unassigned	0	655	-	m	Width Peering Right	FM8XXX 1242271 1242272 1242273 1242274 1242275 1242276 1242277 1242278 1242279 1242280	ALLCAND30
185	Salt Spreader Working Hours	4	Unassigned	0	167722	-	h	Salt Spreader Working Hours	FM8XXX 1242281 1242282 1242283 1242284 1242285 1242286 1242287 1242288 1242289 1242290	ALLCAND30
186	Distance During Salting	4	Unassigned	0	167722	-	km	Distance During Salting	FM8XXX 1242291 1242292 1242293 1242294 1242295 1242296 1242297 1242298 1242299 1242300	ALLCAND30
187	Load Weight	4	Unassigned	0	16772215	-	kg	Load Weight	FM8XXX 1242301 1242302 1242303 1242304 1242305 1242306 1242307 1242308 1242309 1242310	ALLCAND30
188	Retarder Load	1	Unassigned	0	130	-	%	Retarder Load in percent	FM8XXX 1242311 1242312 1242313 1242314 1242315 1242316 1242317 1242318 1242319 1242320	ALLCAND30
189	Cruise Time	4	Unassigned	0	16772215	-	min	Cruise time in minutes	FM8XXX 1242321 1242322 1242323 1242324 1242325 1242326 1242327 1242328 1242329 1242330	ALLCAND30
232	CNG Status	1	Unassigned	0	1	-	-	CNG Status	FM8XXX 1242331 1242332 1242333 1242334 1242335 1242336 1242337 1242338 1242339 1242340	LVCAND30, CANCONTROL
233	CNG Used	4	Unassigned	0	16772215	-	kg	CNG used	FM8XXX 1242341 1242342 1242343 1242344 1242345 1242346 1242347 1242348 1242349 1242350	LVCAND30, CANCONTROL

ID	Name	Count	Unit	Min	Max	Scale	Format	Display	Control	Notes
214	CNG Level	1	Unassigned	0	100	-	%	CNG Level	CANCONTROL	
225	Oil Level	1	Unassigned	0	1	-	-	Engine Oil Level Indicator Status	CANCONTROL	
304	Vehicle Range On Battery	4	Unassigned	0	1677215	-	m	Vehicle Range on Battery	CANCONTROL	
305	Vehicle Range On Additional Fuel	4	Unassigned	0	1677215	-	m	Vehicle Range On Additional Fuel	CANCONTROL	
325	VIN	17	ASCII	0	0xFF	-	-	VIN number	CANCONTROL	
262	Fault Codes	Variable	-	0	128	-	-	DTC Fault codes	LYCAN200 + DTC	
517	Security State Flags P4	8	HEX	0	0xFFFFFFFF	-	-	Security state flags protocol 4, more information click here Link	ALLCAN300	
518	Control State Flags P4	8	HEX	0	0xFFFFFFFF	-	-	Control state flags protocol 4, more information click here Link	ALLCAN300	
519	Indicator State Flags P4	8	HEX	0	0xFFFFFFFF	-	-	Indicator state flags protocol 4, more information click here Link	ALLCAN300	
520	Agricultural State Flags P4	8	HEX	0	0xFFFFFFFF	-	-	Agricultural state flags protocol 4, more information click here Link	ALLCAN300	
521	Utility State Flags P4	8	HEX	0	0xFFFFFFFF	-	-	Utility state flags protocol 4, more information click here Link	ALLCAN300	
522	Custom State Flags P4	8	HEX	0	0xFFFFFFFF	-	-	Custom state flags protocol 4, more information click here Link	ALLCAN300	
855	LNG Used	4	Unassigned	0	214748364	-	kg	Total LNG used in kilograms	ALLCAN300, CANCONTROL	
856	LNG Used (rounded)	4	Unassigned	0	214748364	-	kg	Total LNG used rounded to kg	ALLCAN300, CANCONTROL	
857	LNG Level	2	Unassigned	0	100	-	%	LNG level in perc	ALLCAN300, CANCONTROL	
858	LNG Level	2	Unassigned	0	65535	-	kg	LPG level in kg	ALLCAN300, CANCONTROL	
1100	Total LPG Used	4	Unassigned	0	4294967295	-	l	Total LPG used in liters	LYCAN	
1101	Total LPG Used (rounded)	4	Unassigned	0	4294967295	-	l	Total LPG used rounded in liters	LYCAN	
1102	LPG Level Proc	2	Unassigned	0	65535	-	%	LPG level in perc	LYCAN	
1103	LPG Level Liters	2	Unassigned	0	65535	-	l	LPG level in liters	LYCAN	
898	SSF Ignition	1	Unassigned	0	1	-	-	0 - No 1 - Yes	LYCAN, ALLCAN300, CANCONTROL	
652	SSF KeyIgnitionLock	1	Unassigned	0	1	-	-	0 - No key in lock 1 - Key in lock	ALLCAN300, CANCONTROL	
899	SSF Weights	1	Unassigned	0	1	-	-	0 - No 1 - Yes	ALLCAN300	
900	SSF Engine Working	1	Unassigned	0	1	-	-	0 - No 1 - Yes	ALLCAN300, CANCONTROL	
901	SSF Standalone Engine	1	Unassigned	0	1	-	-	0 - No 1 - Yes	ALLCAN300	
902	SSF Ready To Drive	1	Unassigned	0	1	-	-	0 - No 1 - Yes	ALLCAN300, CANCONTROL	
903	SSF Engine Working On CNG	1	Unassigned	0	1	-	-	0 - No 1 - Yes	ALLCAN300, CANCONTROL	
904	SSF Work Mode	1	Unassigned	0	1	-	-	0 - Private 1 - Company	ALLCAN300	
905	SSF Operator	1	Unassigned	0	1	-	-	0 - Not present 1 - Present	ALLCAN300	
906	SSF Interlock	1	Unassigned	0	1	-	-	0 - Off 1 - On	ALLCAN300	
907	SSF Engine Lock Active	1	Unassigned	0	1	-	-	0 - Inactive 1 - Active	CANCONTROL	
908	SSF Request To Lock Engine	1	Unassigned	0	1	-	-	0 - Off 1 - On	CANCONTROL	
653	SSF Handbrake Is Active	1	Unassigned	0	1	-	-	0 - Handbrake inactive 1 - Handbrake active	ALLCAN300, CANCONTROL	
910	SSF Footbrake Is Active	1	Unassigned	0	1	-	-	0 - Footbrake inactive 1 - Footbrake active	ALLCAN300, CANCONTROL	
911	SSF Clutch Parked	1	Unassigned	0	1	-	-	0 - Clutch is parked 1 - Clutch is not parked	ALLCAN300, CANCONTROL	
912	SSF Hazard Warning Lights	1	Unassigned	0	1	-	-	0 - Hazard warning lights on 1 - Hazard warning lights off	ALLCAN300, CANCONTROL	

454	SSF Front Left Door Open	1	Unassigned	0	1	-	-	0 - Closed 1 - Open	LVGAN, ALLGAND30, CANCONTROL
455	SSF Front Right Door Open	1	Unassigned	0	1	-	-	0 - Closed 1 - Open	LVGAN, ALLGAND30, CANCONTROL
456	SSF Rear Left Door Open	1	Unassigned	0	1	-	-	0 - Closed 1 - Open	LVGAN, ALLGAND30, CANCONTROL
457	SSF Rear Right Door Open	1	Unassigned	0	1	-	-	0 - Closed 1 - Open	LVGAN, ALLGAND30, CANCONTROL
458	SSF Trunk Door Open	1	Unassigned	0	1	-	-	0 - Closed 1 - Open	LVGAN, ALLGAND30, CANCONTROL
913	SSF Engine Cover Open	1	Unassigned	0	1	-	-	0 - Closed 1 - Open	LVGAN, ALLGAND30, CANCONTROL
909	SSF Roof Open	1	Unassigned	0	1	-	-	0 - Closed 1 - Open	LVGAN, ALLGAND30, CANCONTROL
914	SSF Charging Wire Plugged	1	Unassigned	0	1	-	-	0 - Unplugged 1 - Plugged	ALLGAND30, CANCONTROL
915	SSF Battery Charging	1	Unassigned	0	1	-	-	0 - Not charging 1 - Charging	ALLGAND30, CANCONTROL
916	SSF Electric Engine State	1	Unassigned	0	1	-	-	0 - Off 1 - On	ALLGAND30, CANCONTROL
917	SSF Car Closed Factory Remote	1	Unassigned	0	1	-	-	0 - Closed 1 - Open	ALLGAND30, CANCONTROL
962	SSF Car Is Closed	1	Unassigned	0	1	-	-	0 - Closed 1 - Open	ALLGAND30, CANCONTROL
918	SSF Factory Alarm Actuated	1	Unassigned	0	1	-	-	0 - Not actuated 1 - Actuated	ALLGAND30, CANCONTROL
919	SSF Factory Alarm Enabled	1	Unassigned	0	1	-	-	0 - Not enabled 1 - Enabled	ALLGAND30, CANCONTROL
920	SSF Signal Close Factory Remote	1	Unassigned	0	1	-	-	0 - Closed 1 - Open	ALLGAND30, CANCONTROL
921	SSF Signal Open Factory Remote	1	Unassigned	0	1	-	-	0 - Closed 1 - Open	ALLGAND30, CANCONTROL
922	SSF Rearming Signal	1	Unassigned	0	1	-	-	0 - Off 1 - On	ALLGAND30, CANCONTROL
923	SSF Trunk Door Opened Factory Remote	1	Unassigned	0	1	-	-	0 - Closed 1 - Open	ALLGAND30, CANCONTROL
924	SSF CAN Module Is Sleep	1	Unassigned	0	1	-	-	0 - Not in sleep 1 - In sleep	LVGAN, ALLGAND30, CANCONTROL
925	SSF Factory Remote Is	1	Unassigned	0	1	-	-	0 - No 1 - Yes	ALLGAND30
926	SSF Factory Armed	1	Unassigned	0	1	-	-	0 - Not armed 1 - Armed	CANCONTROL
960	SSF Parking Gear Active (automatic gear box)	1	Unassigned	0	1	-	-	0 - Inactive 1 - Active	ALLGAND30, CANCONTROL
961	SSF Reverse Gear Active	1	Unassigned	0	1	-	-	0 - Inactive 1 - Active	ALLGAND30, CANCONTROL
959	SSF Neutral Gear Active (automatic gear box)	1	Unassigned	0	1	-	-	0 - Inactive 1 - Active	ALLGAND30, CANCONTROL

927	SSF Drive In Active (Automatic gear box)	1	Unassigned	0	1	-	-	0 - Inactive 1 - Active	FM8XX 256116 256117 256118 256119 256120 256121 256122 256123 256124 256125 256126 256127	ALLCAN300, CANCONTROL
1083	SSF Engine Working On Dual Fuel	1	Unassigned	0	1	-	-	0 - Not working 1 - Working	FM8XX 256128 256129 256130 256131 256132 256133 256134 256135	ALLCAN300
1084	SSF Engine Working On LPG	1	Unassigned	0	1	-	-	0 - Not working 1 - Working	FM8XX 256136 256137 256138 256139 256140 256141 256142 256143	ALLCAN300
928	CSF Parking Lights	1	Unassigned	0	1	-	-	0 - Off 1 - On	FM8XX 256144 256145 256146 256147 256148 256149 256150 256151	ALLCAN300, CANCONTROL
929	CSF Dipped Head Lights	1	Unassigned	0	1	-	-	0 - Off 1 - On	FM8XX 256152 256153 256154 256155 256156 256157 256158 256159	ALLCAN300, CANCONTROL
930	CSF Full Beam Headlights	1	Unassigned	0	1	-	-	0 - Off 1 - On	FM8XX 256160 256161 256162 256163 256164 256165 256166 256167	ALLCAN300, CANCONTROL
931	CSF Rear Fog Lights	1	Unassigned	0	1	-	-	0 - Off 1 - On	FM8XX 256168 256169 256170 256171 256172 256173 256174 256175	ALLCAN300, CANCONTROL
932	CSF Front Fog Lights	1	Unassigned	0	1	-	-	0 - Off 1 - On	FM8XX 256176 256177 256178 256179 256180 256181 256182 256183	ALLCAN300, CANCONTROL
933	CSF Additional Front Lights	1	Unassigned	0	1	-	-	0 - Off 1 - On	FM8XX 256184 256185 256186 256187 256188 256189 256190 256191	ALLCAN300
934	CSF Additional Rear Lights	1	Unassigned	0	1	-	-	0 - Off 1 - On	FM8XX 256192 256193 256194 256195 256196 256197 256198 256199	ALLCAN300
935	CSF Light Signal	1	Unassigned	0	1	-	-	0 - Off 1 - On	FM8XX 256200 256201 256202 256203 256204 256205 256206 256207	ALLCAN300
936	CSF Air Conditioning	1	Unassigned	0	1	-	-	0 - Off 1 - On	FM8XX 256208 256209 256210 256211 256212 256213 256214 256215	ALLCAN300
937	CSF Cruise Control	1	Unassigned	0	1	-	-	0 - Off 1 - On	FM8XX 256216 256217 256218 256219 256220 256221 256222 256223	ALLCAN300
938	CSF Automatic Retarder	1	Unassigned	0	1	-	-	0 - Off 1 - On	FM8XX 256224 256225 256226 256227 256228 256229 256230 256231	ALLCAN300
939	CSF Manual Retarder	1	Unassigned	0	1	-	-	0 - Off 1 - On	FM8XX 256232 256233 256234 256235 256236 256237 256238 256239	ALLCAN300
940	CSF Driver's Seatbelt Fastened	1	Unassigned	0	1	-	-	0 - Not fastened 1 - Fastened	FM8XX 256240 256241 256242 256243 256244 256245 256246 256247	ALLCAN300
941	CSF Front Driver's Seatbelt Fastened	1	Unassigned	0	1	-	-	0 - Not fastened 1 - Fastened	FM8XX 256248 256249 256250 256251 256252 256253 256254 256255	ALLCAN300
942	CSF Left Driver's Seatbelt Fastened	1	Unassigned	0	1	-	-	0 - Not fastened 1 - Fastened	FM8XX 256256 256257 256258 256259 256260 256261 256262 256263	ALLCAN300
943	CSF Right Driver's Seatbelt Fastened	1	Unassigned	0	1	-	-	0 - Not fastened 1 - Fastened	FM8XX 256264 256265 256266 256267 256268 256269 256270 256271	ALLCAN300
944	CSF Centre Driver's Seatbelt Fastened	1	Unassigned	0	1	-	-	0 - Not fastened 1 - Fastened	FM8XX 256272 256273 256274 256275 256276 256277 256278 256279	ALLCAN300
945	CSF Front Passenger Present	1	Unassigned	0	1	-	-	0 - Not present 1 - Present	FM8XX 256280 256281 256282 256283 256284 256285 256286 256287	ALLCAN300
946	CSF PTO	1	Unassigned	0	1	-	-	0 - Off 1 - On	FM8XX 256288 256289 256290 256291 256292 256293 256294 256295	ALLCAN300
947	CSF Front Differential Locked	1	Unassigned	0	1	-	-	0 - Unlocked 1 - Locked	FM8XX 256296 256297 256298 256299 256300 256301 256302 256303	ALLCAN300
948	CSF Rear Differential Locked	1	Unassigned	0	1	-	-	0 - Unlocked 1 - Locked	FM8XX 256304 256305 256306 256307 256308 256309 256310 256311	ALLCAN300

949	CSF Control Differential 4HE Locked	1	Unassigned	0	1	-	-	0 - Unlocked 1 - Locked	FMBX03 2d62116	ALLCAND30
									2d62122	
									2d62138	
950	CSF Rear Differential 4LG Locked	1	Unassigned	0	1	-	-	0 - Unlocked 1 - Locked	FMBX03 2d62116	ALLCAND30
									2d62122	
									2d62138	
951	CSF Trailer Axle 1 Left Active	1	Unassigned	0	1	-	-	0 - Inactive 1 - Active	FMBX03 2d62116	ALLCAND30
									2d62122	
									2d62138	
952	CSF Trailer Axle 2 Left Active	1	Unassigned	0	1	-	-	0 - Inactive 1 - Active	FMBX03 2d62116	ALLCAND30
									2d62122	
									2d62138	
1085	CSF Trailer Connected	1	Unassigned	0	1	-	-	0 - Disconnected 1 - Connected	FMBX03 2d62116	ALLCAND30
									2d62122	
									2d62138	
1086	CSF Start Stop System Inactive	1	Unassigned	0	1	-	-	0 - No 1 - Yes	FMBX03 2d62116	ALLCAND30
									2d62122	
									2d62138	
953	ISF Check Engine Indicator	1	Unassigned	0	1	-	-	0 - Off 1 - On	FMBX03 2d62116	ALLCAND30
									2d62122	
									2d62138	
954	ISF ABS Indicator	1	Unassigned	0	1	-	-	0 - Off 1 - On	FMBX03 2d62116	ALLCAND30
									2d62122	
									2d62138	
955	ISF ESP Indicator	1	Unassigned	0	1	-	-	0 - Off 1 - On	FMBX03 2d62116	ALLCAND30
									2d62122	
									2d62138	
956	ISF ESP Turned Off	1	Unassigned	0	1	-	-	0 - No 1 - Yes	FMBX03 2d62116	ALLCAND30
									2d62122	
									2d62138	
957	ISF Stop Indicator	1	Unassigned	0	1	-	-	0 - Off 1 - On	FMBX03 2d62116	ALLCAND30
									2d62122	
									2d62138	
958	ISF Oil Level Indicator	1	Unassigned	0	1	-	-	0 - Off 1 - On	FMBX03 2d62116	ALLCAND30, CANCONTROL
									2d62122	
									2d62138	
959	ISF Coolant Liquid level	1	Unassigned	0	1	-	-	0 - Off 1 - On	FMBX03 2d62116	ALLCAND30
									2d62122	
									2d62138	
960	ISF Battery Not Charging Indicator	1	Unassigned	0	1	-	-	0 - Off 1 - On	FMBX03 2d62116	ALLCAND30
									2d62122	
									2d62138	
961	ISF Handbrake System Indicator	1	Unassigned	0	1	-	-	0 - Off 1 - On	FMBX03 2d62116	ALLCAND30
									2d62122	
									2d62138	
962	ISF AIRBAG Indicator	1	Unassigned	0	1	-	-	0 - Off 1 - On	FMBX03 2d62116	ALLCAND30
									2d62122	
									2d62138	
963	ISF EPS Indicator	1	Unassigned	0	1	-	-	0 - Off 1 - On	FMBX03 2d62116	ALLCAND30
									2d62122	
									2d62138	
964	ISF Warning Indicator	1	Unassigned	0	1	-	-	0 - Off 1 - On	FMBX03 2d62116	ALLCAND30
									2d62122	
									2d62138	
965	ISF Lights Failure Indicator	1	Unassigned	0	1	-	-	0 - Off 1 - On	FMBX03 2d62116	ALLCAND30
									2d62122	
									2d62138	
966	ISF Low Tire Pressure Indicator	1	Unassigned	0	1	-	-	0 - Off 1 - On	FMBX03 2d62116	ALLCAND30
									2d62122	
									2d62138	
967	ISF Wear Of Brake Pads Indicator	1	Unassigned	0	1	-	-	0 - Off 1 - On	FMBX03 2d62116	ALLCAND30
									2d62122	
									2d62138	
968	ISF Low Fuel Level Indicator	1	Unassigned	0	1	-	-	0 - Off 1 - On	FMBX03 2d62116	ALLCAND30
									2d62122	
									2d62138	
969	ISF Maintenance required Indicator	1	Unassigned	0	1	-	-	0 - Off 1 - On	FMBX03 2d62116	ALLCAND30
									2d62122	
									2d62138	
970	ISF Glow Plug Indicator	1	Unassigned	0	1	-	-	0 - Off 1 - On	FMBX03 2d62116	ALLCAND30
									2d62122	
									2d62138	

ID	Indicator Name	Qty	Status	Min	Max	Unit	Part No.	Notes
971	ISF FAP Indicator	1	Unassigned	0	1	-	0 - Off 1 - On	ALLCAN300
972	ISF EPC (Electronic Power Control) Indicator	1	Unassigned	0	1	-	0 - Off 1 - On	ALLCAN300
973	ISF Chopped Engine Oil Filter Indicator	1	Unassigned	0	1	-	0 - Off 1 - On	ALLCAN300
974	ISF Low Engine Oil Pressure Indicator	1	Unassigned	0	1	-	0 - Off 1 - On	ALLCAN300
975	ISF Too High Engine Oil Temperature Indicator	1	Unassigned	0	1	-	0 - Off 1 - On	ALLCAN300
976	ISF Low Coolant Level Indicator	1	Unassigned	0	1	-	0 - Off 1 - On	ALLCAN300
977	ISF Chopped Hydraulic System Oil Filter Indicator	1	Unassigned	0	1	-	0 - Off 1 - On	ALLCAN300
978	ISF Hydraulic System Low Pressure Indicator	1	Unassigned	0	1	-	0 - Off 1 - On	ALLCAN300
979	ISF Hydraulic Oil Low Level Indicator	1	Unassigned	0	1	-	0 - Off 1 - On	ALLCAN300
980	ISF Hydraulic System High Temperature Indicator	1	Unassigned	0	1	-	0 - Off 1 - On	ALLCAN300
981	ISF Oil Overflow In Hydraulic Chamber Indicator	1	Unassigned	0	1	-	0 - Off 1 - On	ALLCAN300
982	ISF Chopped Air Filter Indicator	1	Unassigned	0	1	-	0 - Off 1 - On	ALLCAN300
983	ISF Chopped Fuel Filter Indicator	1	Unassigned	0	1	-	0 - Off 1 - On	ALLCAN300
984	ISF Water in Fuel Indicator	1	Unassigned	0	1	-	0 - Off 1 - On	ALLCAN300
985	ISF Chopped Brake System Filter Indicator	1	Unassigned	0	1	-	0 - Off 1 - On	ALLCAN300
986	ISF Low Washer Fluid Level Indicator	1	Unassigned	0	1	-	0 - Off 1 - On	LUCAN, ALLCAN300
987	ISF Low AdBlue Level Indicator	1	Unassigned	0	1	-	0 - Off 1 - On	LUCAN, ALLCAN300
988	ISF Low Trailer Tyre Pressure Indicator	1	Unassigned	0	1	-	0 - Off 1 - On	ALLCAN300
989	ISF Wear Of Trailer Brake Lining Indicator	1	Unassigned	0	1	-	0 - Off 1 - On	ALLCAN300
990	ISF High Trailer Brake Temperature Indicator	1	Unassigned	0	1	-	0 - Off 1 - On	ALLCAN300
991	ISF Incorrect Trailer Pneumatic Supply Indicator	1	Unassigned	0	1	-	0 - Off 1 - On	ALLCAN300
992	ISF Low CMC Level Indicator	1	Unassigned	0	1	-	0 - Off 1 - On	LUCAN, ALLCAN300
993	ASF Right Joystick Moved Right Active	1	Unassigned	0	1	-	0 - Inactive 1 - Active	ALLCAN300
994	ASF Right Joystick Moved Left Active	1	Unassigned	0	1	-	0 - Inactive 1 - Active	ALLCAN300

1019	ASF Calander Drive	1	Unassigned	0	1	-	-	0 - Off 1 - On	FMBXX 126110 126111 126112 126113 126114 126115 126116 126117 126118 126119 126120	ALLCAND30
1020	ASF Cleaning Fan Control Turned Off	1	Unassigned	0	1	-	-	0 - No 1 - Yes	FMBXX 126121 126122 126123 126124 126125 126126 126127 126128 126129 126130	ALLCAND30
1021	ASF Threshing Drum Control Turned Off	1	Unassigned	0	1	-	-	0 - No 1 - Yes	FMBXX 126131 126132 126133 126134 126135 126136 126137 126138 126139 126140	ALLCAND30
1022	ASF Straw Walker Is Clogged	1	Unassigned	0	1	-	-	0 - No 1 - Yes	FMBXX 126141 126142 126143 126144 126145 126146 126147 126148 126149 126150	ALLCAND30
1023	ASF Excessive Clearance Under The Threshing Drum	1	Unassigned	0	1	-	-	0 - No 1 - Yes	FMBXX 126151 126152 126153 126154 126155 126156 126157 126158 126159 126160	ALLCAND30
1024	ASF Low Temperature Of Drive System Hydraulics Less Than 5 Grades	1	Unassigned	0	1	-	-	0 - No 1 - Yes	FMBXX 126161 126162 126163 126164 126165 126166 126167 126168 126169 126170	ALLCAND30
1025	ASF High Temperature Of Drive System Hydraulics Greater Than 95 Grades	1	Unassigned	0	1	-	-	0 - No 1 - Yes	FMBXX 126171 126172 126173 126174 126175 126176 126177 126178 126179 126180	ALLCAND30
1026	ASF Fan Asper Speed Below The Norm	1	Unassigned	0	1	-	-	0 - No 1 - Yes	FMBXX 126181 126182 126183 126184 126185 126186 126187 126188 126189 126190	ALLCAND30
1027	ASF Grain Asper Speed Below The Norm	1	Unassigned	0	1	-	-	0 - No 1 - Yes	FMBXX 126191 126192 126193 126194 126195 126196 126197 126198 126199 126200	ALLCAND30
1028	ASF Straw Chopper Speed Below The Norm	1	Unassigned	0	1	-	-	0 - No 1 - Yes	FMBXX 126201 126202 126203 126204 126205 126206 126207 126208 126209 126210	ALLCAND30
1029	ASF Straw Shaker Speed Below The Norm	1	Unassigned	0	1	-	-	0 - No 1 - Yes	FMBXX 126211 126212 126213 126214 126215 126216 126217 126218 126219 126220	ALLCAND30
1030	ASF Feeder Speed Below The Norm	1	Unassigned	0	1	-	-	0 - No 1 - Yes	FMBXX 126221 126222 126223 126224 126225 126226 126227 126228 126229 126230	ALLCAND30
1031	ASF Straw Chopper Switched On	1	Unassigned	0	1	-	-	0 - Off 1 - On	FMBXX 126231 126232 126233 126234 126235 126236 126237 126238 126239 126240	ALLCAND30
1032	ASF Corn Header Connected	1	Unassigned	0	1	-	-	0 - No 1 - Yes	FMBXX 126241 126242 126243 126244 126245 126246 126247 126248 126249 126250	ALLCAND30
1033	ASF Grain Header Connected	1	Unassigned	0	1	-	-	0 - No 1 - Yes	FMBXX 126251 126252 126253 126254 126255 126256 126257 126258 126259 126260	ALLCAND30
1034	ASF Feeder Reverse Switched On	1	Unassigned	0	1	-	-	0 - Off 1 - On	FMBXX 126261 126262 126263 126264 126265 126266 126267 126268 126269 126270	ALLCAND30
1035	ASF The Pressure Filter Of The Hydraulic Pump Is Clogged	1	Unassigned	0	1	-	-	0 - No 1 - Yes	FMBXX 126271 126272 126273 126274 126275 126276 126277 126278 126279 126280	ALLCAND30
1087	ASF Adapter Pressure Filter Sensor	1	Unassigned	0	1	-	-	0 - Off 1 - On	FMBXX 126281 126282 126283 126284 126285 126286 126287 126288 126289 126290	ALLCAND30
1088	ASF Service 2 Required Indicator	1	Unassigned	0	1	-	-	0 - Off 1 - On	FMBXX 126291 126292 126293 126294 126295 126296 126297 126298 126299 126300	ALLCAND30
1089	ASF Disk Filter Clogged Indicator	1	Unassigned	0	1	-	-	0 - Off 1 - On	FMBXX 126301 126302 126303 126304 126305 126306 126307 126308 126309 126310	ALLCAND30
1090	ASF Section 1 Spraying	1	Unassigned	0	1	-	-	0 - Off 1 - On	FMBXX 126311 126312 126313 126314 126315 126316 126317 126318 126319 126320	ALLCAND30
1091	ASF Section 2 Spraying	1	Unassigned	0	1	-	-	0 - Off 1 - On	FMBXX 126321 126322 126323 126324 126325 126326 126327 126328 126329 126330	ALLCAND30
1092	ASF Section 3 Spraying	1	Unassigned	0	1	-	-	0 - Off 1 - On	FMBXX 126331 126332 126333 126334 126335 126336 126337 126338 126339 126340	ALLCAND30
1093	ASF Section 4 Spraying	1	Unassigned	0	1	-	-	0 - Off 1 - On	FMBXX 126341 126342 126343 126344 126345 126346 126347 126348 126349 126350	ALLCAND30

1094	ASF Section 5 Spraying	1	Unassigned	0	1	-	-	0 - Off 1 - On	FM8XX 126110 126111 126112 126113 126114 126115 126116 126117 126118 126119 126120	ALLCAND30
1095	ASF Section 6 Spraying	1	Unassigned	0	1	-	-	0 - Off 1 - On	FM8XX 126121 126122 126123 126124 126125 126126 126127 126128 126129 126130	ALLCAND30
1096	ASF Section 7 Spraying	1	Unassigned	0	1	-	-	0 - Off 1 - On	FM8XX 126131 126132 126133 126134 126135 126136 126137 126138 126139 126140	ALLCAND30
1097	ASF Section 8 Spraying	1	Unassigned	0	1	-	-	0 - Off 1 - On	FM8XX 126141 126142 126143 126144 126145 126146 126147 126148 126149 126150	ALLCAND30
1098	ASF Section 9 Spraying	1	Unassigned	0	1	-	-	0 - Off 1 - On	FM8XX 126151 126152 126153 126154 126155 126156 126157 126158 126159 126160	ALLCAND30
1036	USF Spreading	1	Unassigned	0	1	-	-	0 - Off 1 - On	FM8XX 126161 126162 126163 126164 126165 126166 126167 126168 126169 126170	ALLCAND30
1037	USF Picking Chemicals	1	Unassigned	0	1	-	-	0 - Off 1 - On	FM8XX 126171 126172 126173 126174 126175 126176 126177 126178 126179 126180	ALLCAND30
1038	USF Conveyor Belt	1	Unassigned	0	1	-	-	0 - Off 1 - On	FM8XX 126181 126182 126183 126184 126185 126186 126187 126188 126189 126190	ALLCAND30
1039	USF Salt Spreader's Drive Wheel	1	Unassigned	0	1	-	-	0 - Off 1 - On	FM8XX 126191 126192 126193 126194 126195 126196 126197 126198 126199 126200	ALLCAND30
1040	USF Brushes	1	Unassigned	0	1	-	-	0 - Off 1 - On	FM8XX 126201 126202 126203 126204 126205 126206 126207 126208 126209 126210	ALLCAND30
1041	USF Vacuum Cleaner	1	Unassigned	0	1	-	-	0 - Off 1 - On	FM8XX 126211 126212 126213 126214 126215 126216 126217 126218 126219 126220	ALLCAND30
1042	USF Water Supply	1	Unassigned	0	1	-	-	0 - Off 1 - On	FM8XX 126221 126222 126223 126224 126225 126226 126227 126228 126229 126230	ALLCAND30
1043	USF Spreading	1	Unassigned	0	1	-	-	0 - Off 1 - On	FM8XX 126231 126232 126233 126234 126235 126236 126237 126238 126239 126240	ALLCAND30
1044	USF Liquid pump	1	Unassigned	0	1	-	-	0 - Off 1 - On	FM8XX 126241 126242 126243 126244 126245 126246 126247 126248 126249 126250	ALLCAND30
1045	USF Unloading From The Hopper	1	Unassigned	0	1	-	-	0 - Off 1 - On	FM8XX 126251 126252 126253 126254 126255 126256 126257 126258 126259 126260	ALLCAND30
1046	USF Low Salt (Sand) Level In Container Indicator	1	Unassigned	0	1	-	-	0 - Off 1 - On	FM8XX 126261 126262 126263 126264 126265 126266 126267 126268 126269 126270	ALLCAND30
1047	USF Low Water Level In Container Indicator	1	Unassigned	0	1	-	-	0 - Off 1 - On	FM8XX 126271 126272 126273 126274 126275 126276 126277 126278 126279 126280	ALLCAND30
1048	USF Chemicals	1	Unassigned	0	1	-	-	0 - Off 1 - On	FM8XX 126281 126282 126283 126284 126285 126286 126287 126288 126289 126290	ALLCAND30
1049	USF Compressor	1	Unassigned	0	1	-	-	0 - Off 1 - On	FM8XX 126291 126292 126293 126294 126295 126296 126297 126298 126299 126300	ALLCAND30
1050	USF Water Valve Is Opened	1	Unassigned	0	1	-	-	0 - Off 1 - On	FM8XX 126301 126302 126303 126304 126305 126306 126307 126308 126309 126310	ALLCAND30
1051	USF Cabin Moved Up Status Active	1	Unassigned	0	1	-	-	0 - Off 1 - On	FM8XX 126311 126312 126313 126314 126315 126316 126317 126318 126319 126320	ALLCAND30
1052	USF Cabin Moved Down Status Active	1	Unassigned	0	1	-	-	0 - Off 1 - On	FM8XX 126321 126322 126323 126324 126325 126326 126327 126328 126329 126330	ALLCAND30
1099	USF Hydraulic Work Not Permitted	1	Unassigned	0	1	-	-	0 - Off 1 - On	FM8XX 126331 126332 126333 126334 126335 126336 126337 126338 126339 126340	ALLCAND30
1053	OSF Section 1 Presence Of Fluid In The Dumps	1	Unassigned	0	1	-	-	0 - No presence 1 - Present	FM8XX 126341 126342 126343 126344 126345 126346 126347 126348 126349 126350	ALLCAND30

1054	CSP Section 1 Filled	1	Unassigned	0	1	-	-	0 - No 1 - Yes	FM8XX 126110 126111 126112 126113 126114 126115 126116 126117 126118 126119 126120	ALLCAND30
1055	CSP Section 1 Overfilled	1	Unassigned	0	1	-	-	0 - No 1 - Yes	FM8XX 126121 126122 126123 126124 126125 126126 126127 126128 126129 126130	ALLCAND30
1056	CSP Section 2 Presence Of Fluid In The Downpipe	1	Unassigned	0	1	-	-	0 - No presence 1 - Present	FM8XX 126131 126132 126133 126134 126135 126136 126137 126138 126139 126140	ALLCAND30
1057	CSP Section 2 Filled	1	Unassigned	0	1	-	-	0 - No 1 - Yes	FM8XX 126141 126142 126143 126144 126145 126146 126147 126148 126149 126150	ALLCAND30
1058	CSP Section 2 Overfilled	1	Unassigned	0	1	-	-	0 - No 1 - Yes	FM8XX 126151 126152 126153 126154 126155 126156 126157 126158 126159 126160	ALLCAND30
1059	CSP Section 3 Presence Of Fluid In The Downpipe	1	Unassigned	0	1	-	-	0 - No presence 1 - Present	FM8XX 126161 126162 126163 126164 126165 126166 126167 126168 126169 126170	ALLCAND30
1060	CSP Section 3 Filled	1	Unassigned	0	1	-	-	0 - No 1 - Yes	FM8XX 126171 126172 126173 126174 126175 126176 126177 126178 126179 126180	ALLCAND30
1061	CSP Section 3 Overfilled	1	Unassigned	0	1	-	-	0 - No 1 - Yes	FM8XX 126181 126182 126183 126184 126185 126186 126187 126188 126189 126190	ALLCAND30
1062	CSP Section 4 Presence Of Fluid In The Downpipe	1	Unassigned	0	1	-	-	0 - No presence 1 - Present	FM8XX 126191 126192 126193 126194 126195 126196 126197 126198 126199 126200	ALLCAND30
1063	CSP Section 4 Filled	1	Unassigned	0	1	-	-	0 - No 1 - Yes	FM8XX 126201 126202 126203 126204 126205 126206 126207 126208 126209 126210	ALLCAND30
1064	CSP Section 4 Overfilled	1	Unassigned	0	1	-	-	0 - No 1 - Yes	FM8XX 126211 126212 126213 126214 126215 126216 126217 126218 126219 126220	ALLCAND30
1065	CSP Section 5 Presence Of Fluid In The Downpipe	1	Unassigned	0	1	-	-	0 - No presence 1 - Present	FM8XX 126221 126222 126223 126224 126225 126226 126227 126228 126229 126230	ALLCAND30
1066	CSP Section 5 Filled	1	Unassigned	0	1	-	-	0 - No 1 - Yes	FM8XX 126231 126232 126233 126234 126235 126236 126237 126238 126239 126240	ALLCAND30
1067	CSP Section 5 Overfilled	1	Unassigned	0	1	-	-	0 - No 1 - Yes	FM8XX 126241 126242 126243 126244 126245 126246 126247 126248 126249 126250	ALLCAND30
1068	CSP Section 6 Presence Of Fluid In The Downpipe	1	Unassigned	0	1	-	-	0 - No presence 1 - Present	FM8XX 126251 126252 126253 126254 126255 126256 126257 126258 126259 126260	ALLCAND30
1069	CSP Section 6 Filled	1	Unassigned	0	1	-	-	0 - No 1 - Yes	FM8XX 126261 126262 126263 126264 126265 126266 126267 126268 126269 126270	ALLCAND30
1070	CSP Section 6 Overfilled	1	Unassigned	0	1	-	-	0 - No 1 - Yes	FM8XX 126271 126272 126273 126274 126275 126276 126277 126278 126279 126280	ALLCAND30
1071	CSP Section 7 Presence Of Fluid In The Downpipe	1	Unassigned	0	1	-	-	0 - No presence 1 - Present	FM8XX 126281 126282 126283 126284 126285 126286 126287 126288 126289 126290	ALLCAND30
1072	CSP Section 7 Filled	1	Unassigned	0	1	-	-	0 - No 1 - Yes	FM8XX 126291 126292 126293 126294 126295 126296 126297 126298 126299 126300	ALLCAND30
1073	CSP Section 7 Overfilled	1	Unassigned	0	1	-	-	0 - No 1 - Yes	FM8XX 126301 126302 126303 126304 126305 126306 126307 126308 126309 126310	ALLCAND30
1074	CSP Section 8 Presence Of Fluid In The Downpipe	1	Unassigned	0	1	-	-	0 - No presence 1 - Present	FM8XX 126311 126312 126313 126314 126315 126316 126317 126318 126319 126320	ALLCAND30
1075	CSP Section 8 Filled	1	Unassigned	0	1	-	-	0 - No 1 - Yes	FM8XX 126321 126322 126323 126324 126325 126326 126327 126328 126329 126330	ALLCAND30
1076	CSP Section 8 Overfilled	1	Unassigned	0	1	-	-	0 - No 1 - Yes	FM8XX 126331 126332 126333 126334 126335 126336 126337 126338 126339 126340	ALLCAND30
400	Distance to Next Service	4	Unassigned	0	4294907295	-	-		FM8XX 126341 126342 126343 126344 126345 126346 126347 126348 126349 126350	CAN adapters

450	CNG Level Kg	2	Unassigned	0	65335	10	Kg	CNG Level Kg (appears only if CNG level percentage is not available)	FMISXX 1262116 1262117 1262118 1262119 1262120 1262121 1262122 1262123 1262124 1262125 1262126 1262127 1262128 1262129 1262130	CAN adapters
459	Distance from need of service	4	Unassigned	0	4294967295	-	km	Service - distance elapsed since the occurrence of the need for servicing	FMISXX 1262131 1262132 1262133 1262134 1262135 1262136 1262137 1262138 1262139 1262140	CAN adapters
460	Distance from last service	4	Unassigned	0	4294967295	-	km	Service - distance from the last service	FMISXX 1262141 1262142 1262143 1262144 1262145 1262146 1262147 1262148 1262149 1262150	CAN adapters
461	Time to next service	2	Unassigned	0	65335	-	day	Service - time to next service	FMISXX 1262151 1262152 1262153 1262154 1262155 1262156 1262157 1262158 1262159 1262160	CAN adapters
462	Time from need of service	2	Unassigned	0	65335	-	day	Service - time exceeded since the occurrence of the need for servicing	FMISXX 1262161 1262162 1262163 1262164 1262165 1262166 1262167 1262168 1262169 1262170	CAN adapters
463	Time from last service	2	Unassigned	0	65335	-	day	Service - time elapsed since the last service	FMISXX 1262171 1262172 1262173 1262174 1262175 1262176 1262177 1262178 1262179 1262180	CAN adapters
464	Distance to next oil service	4	Unassigned	0	4294967295	-	km	Service - distance to next oil service	FMISXX 1262181 1262182 1262183 1262184 1262185 1262186 1262187 1262188 1262189 1262190	CAN adapters
465	Time to next oil service	2	Unassigned	0	65335	-	day	Service - time to next oil service	FMISXX 1262191 1262192 1262193 1262194 1262195 1262196 1262197 1262198 1262199 1262200	CAN adapters
466	LVCAN Vehicle Range	4	Unassigned	0	4294967295	-	km	Information about vehicle range	FMISXX 1262201 1262202 1262203 1262204 1262205 1262206 1262207 1262208 1262209 1262210	CAN adapters
467	LVCAN Total CNG coated	4	Unassigned	0	65335	-	kg	Information about Total CNG used in coated mode	FMISXX 1262211 1262212 1262213 1262214 1262215 1262216 1262217 1262218 1262219 1262220	CAN adapters
1079	Total Bale Count	4	Unassigned	0	04FFFFFFF	-	-	Total Bale Count	FMISXX 1262221 1262222 1262223 1262224 1262225 1262226 1262227 1262228 1262229 1262230	CAN adapters
1080	Bale Count	4	Unassigned	0	04FFFFFFF	-	-	Bale Count	FMISXX 1262231 1262232 1262233 1262234 1262235 1262236 1262237 1262238 1262239 1262240	CAN adapters
1081	Cut Bale Count	4	Unassigned	0	04FFFFFFF	-	-	Cut Bale Count	FMISXX 1262241 1262242 1262243 1262244 1262245 1262246 1262247 1262248 1262249 1262250	CAN adapters
1082	Bale Slices	4	Unassigned	0	04FFFFFFF	-	-	Bale Slices	FMISXX 1262251 1262252 1262253 1262254 1262255 1262256 1262257 1262258 1262259 1262260	CAN adapters
1116	LVCAN MaxRoadSpeed	1	Unassigned	0	255	-	km/h	Maximum speed from road signs	FMISXX 1262261 1262262 1262263 1262264 1262265 1262266 1262267 1262268 1262269 1262270	CAN adapters
1117	LVCAN ExceededRoadSpeed	1	Unassigned	0	255	-	km/h	Exceeded speed from road signs	FMISXX 1262271 1262272 1262273 1262274 1262275 1262276 1262277 1262278 1262279 1262280	CAN adapters
1205	LVCAN BSF SpeedLimitSign	1	Unassigned	0	1	-	-	Information of road sign "Speed limit with value" is recognized/cancelled	FMISXX 1262281 1262282 1262283 1262284 1262285 1262286 1262287 1262288 1262289 1262290	CAN adapters
1206	LVCAN BSF EndOfSpeedLimitSign	1	Unassigned	0	1	-	-	Information of road sign "End of speed limit with value" is recognized/cancelled	FMISXX 1262291 1262292 1262293 1262294 1262295 1262296 1262297 1262298 1262299 1262300	CAN adapters
1207	LVCAN BSF SpeedExceeded	1	Unassigned	0	1	-	-	Information if speed is exceeded indicated by road sign "Speed limit with value"	FMISXX 1262301 1262302 1262303 1262304 1262305 1262306 1262307 1262308 1262309 1262310	CAN adapters
1208	LVCAN BSF TimeOfSpeedLimitSign	1	Unassigned	0	1	-	-	Information of road sign "Conditional time-specific speed limit with value" is recognized/cancelled	FMISXX 1262311 1262312 1262313 1262314 1262315 1262316 1262317 1262318 1262319 1262320	CAN adapters
1209	LVCAN BSF WthrSpeedLimitSign	1	Unassigned	0	1	-	-	Information of road sign "Speed limit with value due to weather conditions" is recognized/cancelled	FMISXX 1262321 1262322 1262323 1262324 1262325 1262326 1262327 1262328 1262329 1262330	CAN adapters