

FMB230 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	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 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	
199	Trip Odometer	4	Unsigned	0	21474 83647	-	m	Trip Odometer value		Permanent I/O elements	
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 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	
12	Fuel Used GPS	4	Unsigned	0	42949 67295	0.001	1	Fuel Used		Permanent I/O elements	
13	Fuel Rate GPS	2	Unsigned	0	32767	0.01	1/100k m	Average Fuel Use		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 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		Permanent I/O elements	

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 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 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 FMC125 FMM12 5 FMB130 FMB140 FMB150 FMC150 FMM15 0 FMU130 FMC130 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 FMC125 FMM12 5 FMB130 FMB140 FMB150 FMC150 FMM15 0 FMU130 FMC130 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 FMC125 FMM12 5 FMB130 FMB140 FMB150 FMC150 FMM15 0 FMU130 FMC130 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 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 FMM125 FMB130 FMB140 FMB150 FMC150 FMM150	
71	Dallas Temperature ID 4	8	Unsigned	0	0xffffffff	-	-	-	Dallas sensor ID	FMB130 FMB140 FMB150 FMC150 FMM150	Permanent I/O elements
										FMB202 FMB204 FMB206	
										FMBXXX FMB110 FMB120 FMB122 FMB125 FMU125 FMC125 FMM125 FMB130 FMB140 FMB150 FMC150 FMM150	
78	iButton	8	Unsigned	0	0xffffffff	-	-	-	iButton ID	FMB130 FMB140 FMB150 FMC150 FMM150	Permanent I/O elements
										FMB202 FMB204 FMB206	
										FMB125 FMB125 FMU125 FMC125 FMM125	
207	RFID	8	Unsigned	0	0xffffffff	-	-	-	RFID ID	FMB125 FMB125 FMU125 FMC125 FMM125	Permanent I/O elements
										FMB125 FMB125	
201	LLS 1 Fuel Level	2	Signed	-4	32767	-	kvants or ltr		Fuel level measured by LLS sensor via RS232/RS485	FMU125 FMC125 FMM125	Permanent I/O elements
										FMB125 FMB125	
202	LLS 1 Temperature	1	Signed	-128	127	-	°C		Fuel temperature measured by LLS via RS232/RS485	FMU125 FMC125 FMM125	Permanent I/O elements
										FMB125 FMB125	
203	LLS 2 Fuel Level	2	Signed	-4	32767	-	kvants or ltr		Fuel level measured by LLS sensor via RS485	FMU125 FMC125 FMM125	Permanent I/O elements
										FMB125 FMB125	
204	LLS 2 Temperature	1	Signed	-128	127	-	°C		Fuel temperature measured by LLS via RS485	FMU125 FMC125 FMM125	Permanent I/O elements
										FMB125 FMB125	
210	LLS 3 Fuel Level	2	Unsigned	-4	32767	-	kvants or ltr		Fuel level measured by LLS sensor via RS485	FMU125 FMC125 FMM125	Permanent I/O elements
										FMB125 FMB125	
211	LLS 3 Temperature	1	Signed	-128	127	-	°C		Fuel temperature measured by LLS via RS485	FMU125 FMC125 FMM125	Permanent I/O elements
										FMB125 FMB125	

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	Unsign ed	0	65535	0.01	-	Average amount of events on some distance	FMBXXX FMB001 FMC001 FMB010 FMB110 FMB120 FMB122 FMB125 FMU125 FMC125 FMM125 5 FMB130 FMU130 FMC130 FMM130 0 FMB140 FMB150 FMC150 FMM150 0 FMB900 FMB920 FMB962 FMB964 FM3001 FMB202 FMB204 FMB206 FMT100 MTB100 FMC800 FMM800 0 FMM800 A FMBXXX FMB001 FMC001 FMB010 FMB120 FMB122 FMB125 FMB130 FMB140 FMB150 FMC150 FMM150 0	Permanent I/O elements
113	Battery Level	1	Unsign ed	0	100	-	%	Battery capacity level	0 FMB920 FMB962 FMB964 FM3001 FMB202 FMB204 FMB206 FMT100 MTB100 FMC800 FMM800 0 FMM800 A	Permanent I/O elements

										FMBXXX FMB001 FMC001 FMB010 FMB110 FMB120 FMB122 FMB125 FMB130 FMB140 FMB150 FMC150 FMM15 0 FMB900 FMB920 FMB202 FMB204 FMB206 FMT100 FMP100 FMC001 FMC125 FMC130 FMM00 1 FMM12 5 FMM13 0 FMC800 FMM80 0 FMM80 A FMC880 FMM88 0 FMC250 FMBXXX FM3001 FMU125 FMU126 FMU130 FMC125 FMC130 FMC150 FMM12 5 FMM13 0 FMM15 0 FMC001 FMM00 1 FMC800 FMM80 0 FMC880 FMM88 0 FMM80 A FMBXXX FMB110 FMB120 FMB122 FMB125 FMU125 FMC125 FMM12 5 FMB130 FMU130 FMC130 FMM13 0 FMBXXX FMB110 FMB120 FMB122 FMB130 FMU130 FMC130 FMM13 0	
238	User ID	8	Unsigned	0	0xffffffff	-	-	MAC address of NMEA receiver device connected via Bluetooth		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		Permanent I/O elements	
4	Pulse Counter Din1	4	Unsigned	0	4294967295	-	-	Counts pulses, count is reset when records are saved		Permanent I/O elements	
5	Pulse Counter Din2	4	Unsigned	0	4294967295	-	-	Counts pulses, count is reset when records are saved		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 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	
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		Permanent I/O elements		
264	Barcode ID	Variable	ASCII	0	32	-	-	Barcode ID				

											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 FMB125 FMB125 FMU125 FMC125 FMM12 5 FMB125 FMB125 FMU125 FMC125 FMM12 5 FMB130 FMU130 FMC130 FMC150 FMM13 0 FMB130 FMU130 FMC130 FMM13 0 FMB140	
303	Instant Movement	1	Unsigned	0	1	-	-	Logic: 0/1 returns movement value			Permanent I/O elements	
327	UL202-02 Sensor Fuel level	2	Signed	-150	32767	0.1	mm	UL202-02 Sensor Fuel level			Permanent I/O elements	
483	UL202-02 Sensor Status	1	Unsigned	0	255	-	-	UL202-02 sensor status codes			Permanent I/O elements	
380	Digital output 3	1	Unsigned	0	1	-	-	Logic: 0/1			Permanent I/O elements	
381	Ground Sense	1	Unsigned	0	1	-	-	Logic: 0/1			Permanent I/O elements	

												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	
387	ISO6709 Coordinates	34	HEX	0	0x7ffff ffffff	-	-	ISO6709 Coordinates Latitude, Longitude (in Degrees, Minutes and Seconds) and Altitude: IO value format: ±DDMMSS.SSSS±DDMMSS.SSSS±AAA.AAA/			Permanent I/O elements		
636	UMTS/LTE Cell ID	4	Unsign ed	0	0xFFFF FFFF	-	-		FMBXXX FMU125 FMU126 FMU130 FMC001 FMC125 FMC130 FMM00 1 FMM12 5 FMM13 0 FMC150 FMM15 0 FMC800 FMM80 0 FMM80 A	Permanent I/O elements			
403	Driver Name	35	Unsign ed	-	-	-	-	Driver name extracted from card, displayed without delimiters (\$ signs) None - 0 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	Permanent I/O elements			
404	Driver card license type	1	Unsign ed	0	8	-	-		FMBXXX FMU126	Permanent I/O elements			
405	Driver Gender	1	Unsign ed	0	2	-	-	None - 0 Male - 1 Female - 2	FMBXXX FMU126	Permanent I/O elements			
406	Driver Card ID	4	Unsign ed	0	42949 67295	-	-	None - 0 Male - 1 Female - 2	FMBXXX FMU126	Permanent I/O elements			
407	Driver card expiration date	1	Unsign ed	0	9999	-	-		FMBXXX FMU126	Permanent I/O elements			
408	Driver Card place of issue	4	Unsign ed	0	65535	-	-	Extracted from card	FMBXXX FMU126	Permanent I/O Elements			
409	Driver Status Event	1	Unsign ed	0	2	-	-	Registered - 0 Deregistered - 1 Swapping - 2	FMBXXX FMU126	Permanent I/O elements			

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](#)
[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

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](#)
[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

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](#)
[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

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](#)
- [FMC125](#)
- [FMC130](#)
- [FMM12](#)
- [5](#)
- [FMM13](#)
- [0](#)
- [FMC001](#)
- [FMM00](#)
- [1](#)
- [TFT100](#)
- [FMB910](#)

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](#)

10808

EYE Magnet 1

1

Unsign
ed

0

1

-

-

Magnet measured by EYE Sensor by EYE Sensor 1

Permanent I/O
elements

10809	EYE Magnet 2	1	Unsigned	0	1	-	-	Magnet measured by EYE Sensor 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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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](#)

10810

EYE Magnet 3

1

Unsign
ed

0

1

-

-

Magnet measured by EYE Sensor by EYE Sensor 3

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	
10811	EYE Magnet 4	1	Unsign ed	0	1	-	-	Magnet measured by EYE Sensor 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](#)

10812 EYE Movement 1 2 Unsigned 0 0xFFFF - - Movement state measure by EYE Sensor 1

Permanent I/O elements

10813	EYE Movement 2	2	Unsign ed	0	0xFFFF F	-	-	Movement state 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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10814	EYE Movement 3	2	Unsign ed	0	0xFFFF F	-	-	Movement state 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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10815	EYE Movement 4	2	Unsign ed	0	0xFFFF F	-	-	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
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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](#)
- [5](#)
- [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	Unsign ed	0	1	-	-	Low Battery indication for EYE Sensor 2
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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](#) Permanent I/O
[GH5200](#) elements
[FMB140](#)
[FMB020](#)
[FMB002](#)
[FMB003](#)
[FMU120](#)
[FMU122](#)
[FMU125](#)
[FMU126](#)
[FMU130](#)
[FMC120](#)
[FMC122](#)
[FMC125](#)
[FMC130](#)
[FMM12](#)
 5
[FMM13](#)
 0
[FMC001](#)
[FMM00](#)
 1
[TFT100](#)
[FMB910](#)

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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[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

10823 EYE Low Battery 4 1 Unsign
ed 0 1 - - Low Battery indication for EYE Sensor 4

10824 EYE Battery Voltage 1 1 Unsigned 0 0xFF - - Battery Voltage of 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

10825 EYE Battery Voltage 2 1 Unsigned 0 0xFF - - Battery Voltage of EYE Sensor 2

[FMBXXX](#)
[\[Expand\]](#)
[FMB001](#)
[FMB010](#)
[FMB100](#)
[FMB110](#)
[FMB120](#)
[FMB122](#)
[FMB125](#)
[FMB130](#)
[FMB900](#)
[FMB920](#)
[FMB962](#)
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[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

10826 EYE Battery Voltage 3 1 Unsigned 0 0xFF - - Battery Voltage of EYE Sensor 3

[FMBXXX](#)
[\[Expand\]](#)
[FMB001](#)
[FMB010](#)
[FMB100](#)
[FMB110](#)
[FMB120](#)
[FMB122](#)
[FMB125](#)
[FMB130](#)
[FMB900](#)
[FMB920](#)
[FMB962](#)
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[TMT250](#)
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[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

10827 EYE Battery Voltage 4 1 Unsigned 0 0xFF - - 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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[FMC130](#)
[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](#)
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- [FMB962](#)
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- [FM3010](#)
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- [FMB140](#)
- [FMB020](#)
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- [FMC120](#)
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- [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](#)
- [FMB900](#)
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- [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](#)
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[FMC120](#)
[FMC122](#)
[FMC125](#)
[FMC130](#)
[FMM12](#)
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[FMM13](#)
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[FMC001](#)
[FMM00](#)
1
[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](#)
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- [TMT250](#)
- [GH5200](#)
- [FMB140](#)
- [FMB020](#)
- [FMB002](#)
- [FMB003](#)
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- [FMC120](#)
- [FMC122](#)
- [FMC125](#)
- [FMC130](#)
- [FMM12](#)
- [5](#)
- [FMM13](#)
- [0](#)
- [FMC001](#)
- [FMM00](#)
- [1](#)
- [TFT100](#)
- [FMB910](#)

Permanent I/O elements

FMBXXX
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[FMB001](#)
[FMB010](#)
[FMB100](#)
[FMB110](#)
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[FMB122](#)
[FMB125](#)
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[FM3010](#)
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[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](#)

10836 EYE Movement count 2 Unsign 0 32767 - - Movement count measure by EYE Sensor 1

Permanent I/O elements

FMBXXX
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[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](#)

10837 EYE Movement count 2 Unsigned 0 32767 - - Movement count measure by EYE Sensor 2

Permanent I/O elements

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](#)
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[FMB900](#)
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[FMB962](#)
[FMB964](#)
[FM3001](#)
[FM3010](#)
[FMB202](#)
[FMB204](#)
[FMB206](#)
[FMB207](#)
[MTT100](#)
[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](#)

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

Permanent I/O elements

10840	EYE Magnet count 1	2	Unsigned	0	65535	-	-	Magnet trigger 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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FMBXXX
[Expand]
[FMB001](#)
[FMB010](#)
[FMB100](#)
[FMB110](#)
[FMB120](#)
[FMB122](#)
[FMB125](#)
[FMB130](#)
[FMB900](#)
[FMB920](#)
[FMB962](#)
[FMB964](#)
[FM3001](#)
[FM3010](#)
[FMB202](#)
[FMB204](#)
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[MTB100](#)
[TMT250](#)
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[FMB140](#)
[FMB020](#)
[FMB002](#)
[FMB003](#)
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[FMU122](#)
[FMU125](#)
[FMU126](#)
[FMU130](#)
[FMC120](#)
[FMC122](#)
[FMC125](#)
[FMC130](#)
[FMM12](#)
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[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 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	
10842	EYE Magnet count 3	2	Unsign ed	0	65535	-	-	Magnet trigger count measure by EYE Sensor 3	Permanent I/O elements	

10843	EYE Magnet count 4	2	Unsigned	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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451	BLE RFID #1	8	HEX	0	0xffffffff ffffffff	-	-	BLE NBL-T RFID ID for Connentionless 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 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	0xfffff fffffff	-	-	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](#)
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[FMB122](#)
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[FM3010](#)
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[MTB100](#)
[TMT250](#)
[GH5200](#)
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[FMU130](#)
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[FMC125](#)
[FMC130](#)
[FMM12](#)
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[FMM13](#)
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[FMC001](#)
[FMM00](#)
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[TFT100](#)
[FMB910](#)
[FMP100](#)
[FMP1M](#)
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[MSP500](#)
[EMC800](#)
[FMM80](#)
0
[FMC880](#)
[FMM88](#)
0
[FMM80](#)
A

Permanent I/O
elements

455 BLE Button 1 state #1 1 Unsigned 0 1 - - BLE NBL-T Button 1 status for Connexionless 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](#)
[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](#)

456 BLE Button 1 state #2 1 Unsigned 0 1 - - BLE NBL-T Button 1 status for Connentionless mode #2 slot

Permanent I/O elements

457	BLE Button 1 state #3	1	Unsigned	0	1	-	-	BLE NBL-T Button 1 status for Connectionless 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 FMM125 FMM130 FMC001 FMM001 TFT100 FMB910 FMP100 FMP1M MSP500 EMC800 FMM800 FMC880 FMM880 FMM80A	Permanent I/O elements
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458	BLE Button 1 state #4	1	Unsigned	0	1	-	-	BLE NBL-T Button 1 status for Connetionless 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 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	
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	
											FMM12	
											5	
											FMM13	
											0	
											FMC001	
											FMM00	
											1	
											TFT100	
											FMB910	
											FMP100	
											FMP1M	
											1	
											MSP500	
											FMC800	
											FMM80	
											0	
											FMC880	
											FMM88	
											0	
											FMM80	
											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](#)
[FMM12](#)
[5](#)
[FMM13](#)
[0](#)
[FMC001](#)
[FMM00](#)
[1](#)
[TFT100](#)
[FMB910](#)
[FMP100](#)
[FMP1M](#)
[1](#)
[MSP500](#)
[EMC800](#)
[FMM80](#)
[0](#)
[FMC880](#)
[FMM88](#)
[0](#)
[FMM80](#)
[A](#)

461 BLE Button 2 state #3 1 Unsigned 0 1 - - BLE NBL-T Button 2 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](#)
[FMC001](#)
[FMM001](#)
[TFT100](#)
[FMB910](#)
[FMP100](#)
[FMP1M](#)
[MSP500](#)
[EMC800](#)
[FMM800](#)
[FMC880](#)
[FMM880](#)
[FMM80A](#)

Permanent I/O
elements

462 BLE Button 2 state #4 1 Unsigned 0 1 - - BLE NBL-T Button 2 status for Connetionless 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 FMB003 FMU120 FMU122 FMU125 FMU126 FMU130 FMC120 FMC122 FMC125 FMC130 FMM12 5 FMM13 0 FMC001 FMM00 1 TFT100 FMB910 FMP100 FMP1M 1 MSP500 FMC800 FMM80 0 FMC880 FMM88 0 FMM80 A	Permanent I/O elements
622	Frequency DIN1	2	Unsign ed	0	65535	0.1	Hz	Frequency of input signal present on DIN1			

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

									<p>FMISXX 2546001</p> <p>2546001 2546002 2546003 2546004 2546005 2546006 2546007 2546008 2546009 2546010 2546011 2546012 2546013 2546014 2546015 2546016 2546017 2546018 2546019 2546020</p>	
156	Confence zone 02	1	Unassigned	0	3	-	-	<p>0 - target left zone 1 - target entered zone 2 - over spending end 3 - over spending start</p>	2546021 2546022 2546023 2546024 2546025 2546026 2546027 2546028 2546029 2546030 2546031 2546032 2546033 2546034 2546035 2546036 2546037 2546038 2546039 2546040	Eventual IO elements
									<p>FMISXX 2546041</p> <p>2546041 2546042 2546043 2546044 2546045 2546046 2546047 2546048 2546049 2546050 2546051 2546052 2546053 2546054 2546055 2546056 2546057 2546058 2546059 2546060</p>	
157	Confence zone 03	1	Unassigned	0	3	-	-	<p>0 - target left zone 1 - target entered zone 2 - over spending end 3 - over spending start</p>	2546061 2546062 2546063 2546064 2546065 2546066 2546067 2546068 2546069 2546070 2546071 2546072 2546073 2546074 2546075 2546076 2546077 2546078 2546079 2546080	Eventual IO elements
									<p>FMISXX 2546081</p> <p>2546081 2546082 2546083 2546084 2546085 2546086 2546087 2546088 2546089 2546090 2546091 2546092 2546093 2546094 2546095 2546096 2546097 2546098 2546099 2546100</p>	
158	Confence zone 04	1	Unassigned	0	3	-	-	<p>0 - target left zone 1 - target entered zone 2 - over spending end 3 - over spending start</p>	2546101 2546102 2546103 2546104 2546105 2546106 2546107 2546108 2546109 2546110 2546111 2546112 2546113 2546114 2546115 2546116 2546117 2546118 2546119 2546120	Eventual IO elements
									<p>FMISXX 2546141</p> <p>2546141 2546142 2546143 2546144 2546145 2546146 2546147 2546148 2546149 2546150 2546151 2546152 2546153 2546154 2546155 2546156 2546157 2546158 2546159 2546160</p>	
159	Confence zone 05	1	Unassigned	0	3	-	-	<p>0 - target left zone 1 - target entered zone 2 - over spending end 3 - over spending start</p>	2546161 2546162 2546163 2546164 2546165 2546166 2546167 2546168 2546169 2546170 2546171 2546172 2546173 2546174 2546175 2546176 2546177 2546178 2546179 2546180	Eventual IO elements
									<p>FMISXX 2546201</p> <p>2546201 2546202 2546203 2546204 2546205 2546206 2546207 2546208 2546209 2546210 2546211 2546212 2546213 2546214 2546215 2546216 2546217 2546218 2546219 2546220</p>	
61	Confence zone 06	1	Unassigned	0	3	-	-	<p>0 - target left zone 1 - target entered zone 2 - over spending end 3 - over spending start</p>	2546221 2546222 2546223 2546224 2546225 2546226 2546227 2546228 2546229 2546230 2546231 2546232 2546233 2546234 2546235 2546236 2546237 2546238 2546239 2546240	Eventual IO elements
									<p>FMISXX 2546281</p> <p>2546281 2546282 2546283 2546284 2546285 2546286 2546287 2546288 2546289 2546290 2546291 2546292 2546293 2546294 2546295 2546296 2546297 2546298 2546299 2546300</p>	
62	Confence zone 07	1	Unassigned	0	3	-	-	<p>0 - target left zone 1 - target entered zone 2 - over spending end 3 - over spending start</p>	2546301 2546302 2546303 2546304 2546305 2546306 2546307 2546308 2546309 2546310 2546311 2546312 2546313 2546314 2546315 2546316 2546317 2546318 2546319 2546320	Eventual IO elements
									<p>FMISXX 2546361</p> <p>2546361 2546362 2546363 2546364 2546365 2546366 2546367 2546368 2546369 2546370 2546371 2546372 2546373 2546374 2546375 2546376 2546377 2546378 2546379 2546380</p>	
63	Confence zone 08	1	Unassigned	0	3	-	-	<p>0 - target left zone 1 - target entered zone 2 - over spending end 3 - over spending start</p>	2546381 2546382 2546383 2546384 2546385 2546386 2546387 2546388 2546389 2546390 2546391 2546392 2546393 2546394 2546395 2546396 2546397 2546398 2546399 2546400	Eventual IO elements
									<p>FMISXX 2546441</p> <p>2546441 2546442 2546443 2546444 2546445 2546446 2546447 2546448 2546449 2546450 2546451 2546452 2546453 2546454 2546455 2546456 2546457 2546458 2546459 2546460</p>	
64	Confence zone 09	1	Unassigned	0	3	-	-	<p>0 - target left zone 1 - target entered zone 2 - over spending end 3 - over spending start</p>	2546461 2546462 2546463 2546464 2546465 2546466 2546467 2546468 2546469 2546470 2546471 2546472 2546473 2546474 2546475 2546476 2546477 2546478 2546479 2546480	Eventual IO elements
									<p>FMISXX 2546501</p> <p>2546501 2546502 2546503 2546504 2546505 2546506 2546507 2546508 2546509 2546510 2546511 2546512 2546513 2546514 2546515 2546516 2546517 2546518 2546519 2546520</p>	
65	Confence zone 10	1	Unassigned	0	3	-	-	<p>0 - target left zone 1 - target entered zone 2 - over spending end 3 - over spending start</p>	2546521 2546522 2546523 2546524 2546525 2546526 2546527 2546528 2546529 2546530 2546531 2546532 2546533 2546534 2546535 2546536 2546537 2546538 2546539 2546540	Eventual IO elements

195	Confidence zone 29	1	Unassigned	0	3	-	-	0 - target left zone 1 - target entered zone 2 - cover spending end 3 - over spending start	FMSXXX 2910001	Eventual IO elements
									2910010	
									2910011	
									2910012	
									2910013	
									2910014	
									2910015	
									2910016	
									2910017	
									2910018	
									2910019	
									2910020	
									2910021	
196	Confidence zone 30	1	Unassigned	0	3	-	-	0 - target left zone 1 - target entered zone 2 - cover spending end 3 - over spending start	FMSXXX 3010001	Eventual IO elements
									3010010	
									3010011	
									3010012	
									3010013	
									3010014	
									3010015	
									3010016	
									3010017	
									3010018	
									3010019	
									3010020	
									3010021	
197	Confidence zone 31	1	Unassigned	0	3	-	-	0 - target left zone 1 - target entered zone 2 - cover spending end 3 - over spending start	FMSXXX 3110001	Eventual IO elements
									3110010	
									3110011	
									3110012	
									3110013	
									3110014	
									3110015	
									3110016	
									3110017	
									3110018	
									3110019	
									3110020	
									3110021	
198	Confidence zone 32	1	Unassigned	0	3	-	-	0 - target left zone 1 - target entered zone 2 - cover spending end 3 - over spending start	FMSXXX 3210001	Eventual IO elements
									3210010	
									3210011	
									3210012	
									3210013	
									3210014	
									3210015	
									3210016	
									3210017	
									3210018	
									3210019	
									3210020	
									3210021	
208	Confidence zone 33	1	Unassigned	0	3	-	-	0 - target left zone 1 - target entered zone 2 - cover spending end 3 - over spending start	FMSXXX 3310001	Eventual IO elements
									3310010	
									3310011	
									3310012	
									3310013	
									3310014	
									3310015	
									3310016	
									3310017	
									3310018	
									3310019	
									3310020	
									3310021	
209	Confidence zone 34	1	Unassigned	0	3	-	-	0 - target left zone 1 - target entered zone 2 - cover spending end 3 - over spending start	FMSXXX 3410001	Eventual IO elements
									3410010	
									3410011	
									3410012	
									3410013	
									3410014	
									3410015	
									3410016	
									3410017	
									3410018	
									3410019	
									3410020	
									3410021	
216	Confidence zone 35	1	Unassigned	0	3	-	-	0 - target left zone 1 - target entered zone 2 - cover spending end 3 - over spending start	FMSXXX 3510001	Eventual IO elements
									3510010	
									3510011	
									3510012	
									3510013	
									3510014	
									3510015	
									3510016	
									3510017	
									3510018	
									3510019	
									3510020	
									3510021	
217	Confidence zone 36	1	Unassigned	0	3	-	-	0 - target left zone 1 - target entered zone 2 - cover spending end 3 - over spending start	FMSXXX 3610001	Eventual IO elements
									3610010	
									3610011	
									3610012	
									3610013	
									3610014	
									3610015	
									3610016	
									3610017	
									3610018	
									3610019	
									3610020	
									3610021	
218	Confidence zone 37	1	Unassigned	0	3	-	-	0 - target left zone 1 - target entered zone 2 - cover spending end 3 - over spending start	FMSXXX 3710001	Eventual IO elements
									3710010	
									3710011	
									3710012	
									3710013	
									3710014	
									3710015	
									3710016	
									3710017	
									3710018	
									3710019	
									3710020	
									3710021	

ID	Name	Category	Unit	Start	End	Flags	Description	Elements
228	Confidence zone 47	1	Unassigned	0	3	- -	0 - target left zone 1 - target entered zone 2 - over speeding end 3 - over speeding start	<ul style="list-style-type: none"> 258100 258101 258102 258103 258104 258105 258106 258107 258108 258109 258110 258111 258112 258113 258114 258115 258116 258117 258118 258119 258120 258121 258122 258123 258124 258125 258126 258127 258128 258129 258130 258131 258132 258133 258134 258135 258136 258137 258138 258139 258140 258141 258142 258143 258144 258145 258146 258147 258148 258149 258150 258151 258152 258153 258154 258155 258156 258157 258158 258159 258160 258161 258162 258163 258164 258165 258166 258167 258168 258169 258170 258171 258172 258173 258174 258175 258176 258177 258178 258179 258180 258181 258182 258183 258184 258185 258186 258187 258188 258189 258190 258191 258192 258193 258194 258195 258196 258197 258198 258199
229	Confidence zone 48	1	Unassigned	0	3	- -	0 - target left zone 1 - target entered zone 2 - over speeding end 3 - over speeding start	<ul style="list-style-type: none"> 258200 258201 258202 258203 258204 258205 258206 258207 258208 258209 258210 258211 258212 258213 258214 258215 258216 258217 258218 258219 258220 258221 258222 258223 258224 258225 258226 258227 258228 258229 258230 258231 258232 258233 258234 258235 258236 258237 258238 258239 258240 258241 258242 258243 258244 258245 258246 258247 258248 258249 258250 258251 258252 258253 258254 258255 258256 258257 258258 258259 258260 258261 258262 258263 258264 258265 258266 258267 258268 258269 258270 258271 258272 258273 258274 258275 258276 258277 258278 258279 258280 258281 258282 258283 258284 258285 258286 258287 258288 258289 258290 258291 258292 258293 258294 258295 258296 258297 258298 258299
230	Confidence zone 49	1	Unassigned	0	3	- -	0 - target left zone 1 - target entered zone 2 - over speeding end 3 - over speeding start	<ul style="list-style-type: none"> 258300 258301 258302 258303 258304 258305 258306 258307 258308 258309 258310 258311 258312 258313 258314 258315 258316 258317 258318 258319 258320 258321 258322 258323 258324 258325 258326 258327 258328 258329 258330 258331 258332 258333 258334 258335 258336 258337 258338 258339 258340 258341 258342 258343 258344 258345 258346 258347 258348 258349 258350 258351 258352 258353 258354 258355 258356 258357 258358 258359 258360 258361 258362 258363 258364 258365 258366 258367 258368 258369 258370 258371 258372 258373 258374 258375 258376 258377 258378 258379 258380 258381 258382 258383 258384 258385 258386 258387 258388 258389 258390 258391 258392 258393 258394 258395 258396 258397 258398 258399
231	Confidence zone 50	1	Unassigned	0	3	- -	0 - target left zone 1 - target entered zone 2 - over speeding end 3 - over speeding start	<ul style="list-style-type: none"> 258400 258401 258402 258403 258404 258405 258406 258407 258408 258409 258410 258411 258412 258413 258414 258415 258416 258417 258418 258419 258420 258421 258422 258423 258424 258425 258426 258427 258428 258429 258430 258431 258432 258433 258434 258435 258436 258437 258438 258439 258440 258441 258442 258443 258444 258445 258446 258447 258448 258449 258450 258451 258452 258453 258454 258455 258456 258457 258458 258459 258460 258461 258462 258463 258464 258465 258466 258467 258468 258469 258470 258471 258472 258473 258474 258475 258476 258477 258478 258479 258480 258481 258482 258483 258484 258485 258486 258487 258488 258489 258490 258491 258492 258493 258494 258495 258496 258497 258498 258499
175	Auto Guidance	1	Unassigned	0	1	- -	0 - target left zone 1 - target entered zone	<ul style="list-style-type: none"> 258500 258501 258502 258503 258504 258505 258506 258507 258508 258509 258510 258511 258512 258513 258514 258515 258516 258517 258518 258519 258520 258521 258522 258523 258524 258525 258526 258527 258528 258529 258530 258531 258532 258533 258534 258535 258536 258537 258538 258539 258540 258541 258542 258543 258544 258545 258546 258547 258548 258549 258550 258551 258552 258553 258554 258555 258556 258557 258558 258559 258560 258561 258562 258563 258564 258565 258566 258567 258568 258569 258570 258571 258572 258573 258574 258575 258576 258577 258578 258579 258580 258581 258582 258583 258584 258585 258586 258587 258588 258589 258590 258591 258592 258593 258594 258595 258596 258597 258598 258599
250	Trip	1	Unassigned	0	1	- -	0 - trip stop 1 - trip start From OS v2.4 for versions available with RT app see values: 2 - Business Status 3 - Private Status 4-9 - Custom Statuses	<ul style="list-style-type: none"> 258600 258601 258602 258603 258604 258605 258606 258607 258608 258609 258610 258611 258612 258613 258614 258615 258616 258617 258618 258619 258620 258621 258622 258623 258624 258625 258626 258627 258628 258629 258630 258631 258632 258633 258634 258635 258636 258637 258638 258639 258640 258641 258642 258643 258644 258645 258646 258647 258648 258649 258650 258651 258652 258653 258654 258655 258656 258657 258658 258659 258660 258661 258662 258663 258664 258665 258666 258667 258668 258669 258670 258671 258672 258673 258674 258675 258676 258677 258678 258679 258680 258681 258682 258683 258684 258685 258686 258687 258688 258689 258690 258691 258692 258693 258694 258695 258696 258697 258698 258699
255	Over Speeding	1	Unassigned	0	255	- -	km/h At over speeding start km/h, at over speeding end km/h	<ul style="list-style-type: none"> 258700 258701 258702 258703 258704 258705 258706 258707 258708 258709 258710 258711 258712 258713 258714 258715 258716 258717 258718 258719 258720 258721 258722 258723 258724 258725 258726 258727 258728 258729 258730 258731 258732 258733 258734 258735 258736 258737 258738 258739 258740 258741 258742 258743 258744 258745 258746 258747 258748 258749 258750 258751 258752 258753 258754 258755 258756 258757 258758 258759 258760 258761 258762 258763 258764 258765 258766 258767 258768 258769 258770 258771 258772 258773 258774 258775 258776 258777 258778 258779 258780 258781 258782 258783 258784 258785 258786 258787 258788 258789 258790 258791 258792 258793 258794 258795 258796 258797 258798 258799
257	Crash trace data	Variable	HEX	0	1200	- -	Crash trace data	<ul style="list-style-type: none"> 258800 258801 258802 258803 258804 258805 258806 258807 258808 258809 258810 258811 258812 258813 258814 258815 258816 258817 258818 258819 258820 258821 258822 258823 258824 258825 258826 258827 258828 258829 258830 258831 258832 258833 258834 258835 258836 258837 258838 258839 258840 258841 258842 258843 258844 258845 258846 258847 258848 258849 258850 258851 258852 258853 258854 258855 258856 258857 258858 258859 258860 258861 258862 258863 258864 258865 258866 258867 258868 258869 258870 258871 258872 258873 258874 258875 258876 258877 258878 258879 258880 258881 258882 258883 258884 258885 258886 258887 258888 258889 258890 258891 258892 258893 258894 258895 258896 258897 258898 258899
285	Blood alcohol content	2	Unassigned	0	9999	- -	Alcohol content in blood in percent and mode. First 14 bits from MSB are percent multiplied by 1000 and last to bits are 0 - Passout test, 1 - Active test, 2 and 3 are reserved.	<ul style="list-style-type: none"> 258900 258901 258902 258903 258904 258905 258906 258907 258908 258909 258910 258911 258912 258913 258914 258915 258916 258917 258918 258919 258920 258921 258922 258923 258924 258925 258926 258927 258928 258929 258930 258931 258932 258933 258934 258935 258936 258937 258938 258939 258940 258941 258942 258943 258944 258945 258946 258947 258948 258949 258950 258951 258952 258953 258954 258955 258956 258957 258958 258959 258960 258961 258962 258963 258964 258965 258966 258967 258968 258969 258970 258971 258972 258973 258974 258975 258976 258977 258978 258979 258980 258981 258982 258983 258984 258985 258986 258987 258988 258989 258990 258991 258992 258993 258994 258995 258996 258997 258998 258999
251	Idling	1	Unassigned	0	1	- -	0 - idling 1 - idling	<ul style="list-style-type: none"> 259000 259001 259002 259003 259004 259005 259006 259007 259008 259009 259010 259011 259012 259013 259014 259015 259016 259017 259018 259019 259020 259021 259022 259023 259024 259025 259026 259027 259028 259029 259030 259031 259032 259033 25

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30	Number of DTC	1	Unsigned	0	255	-	-	Number of DTC		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
31	Engine Load	1	Unsigned	0	100	-	%	Calculated engine load value		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
32	Coolant Temperature	1	Signed	-128	127	-	°C	Engine coolant temperature		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
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 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 FMU125 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 FMU125 FMC125 FMM125 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 FMU125 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 FMU125 FMC125 FMM125 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 FMU125 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 FMU125 FMC125 FMM125 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 FMU125 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 FMU125 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	OBD elements
39	Intake Air Temperature	1	Signed	-128	127	-	°C	Intake air temperature	OBD elements
40	MAF	2	Unsigned	0	65535	0.01	g/sec	MAF air flow rate	OBD elements
41	Throttle Position	1	Unsigned	0	100	-	%	Throttle position	OBD elements

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

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42	Runtime since engine start	2	Unsigned	0	65535	-	s	Runtime since engine start			
43	Distance Traveled MIL On	2	Unsigned	0	65535	-	km	Distance ormatin MIL on			
44	Relative Fuel Rail Pressure	2	Unsigned	0	5178	0.1	kPa	Relative fuel rail pressure			
45	Direct Fuel Rail Pressure	2	Unsigned	0	65535	10	kPa	Direct Fuel Rail Pressure			

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46	Commanded EGR	1	Unsigned	0	100	-	%	Commanded EGR		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
47	EGR Error	1	Signed	-100	100	-	%	EGR error		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
48	Fuel Level	1	Unsigned	0	100	-	%	Fuel level		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
49	Distance Since Codes Clear	2	Unsigned	0	65535	-	km	Distance traveled since codes cleared		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

50	Barometric Pressure	1	Unsigned	0	255	-	kPa	Barometric pressure	<p>FMBXXX FMB001 FMC001 FMB010 FMB003 FMB110 FMB120 FMB122 FMB125 FMU125 FMC125 FMM125 FMB130 FMC130 FMB130 FMC130 FMM130 FMB140 FMB150 FMC150 FMM150 FMB900 FMB920 FMB962 FMB964 FM3001 FMT100 MTB100 FMB202 FMB204 FMB206 FMT100 MTB100 FMB140</p> <p>FMBXXX FMB001 FMC001 FMB010 FMB003 FMB110 FMB120 FMB122 FMB125 FMU125 FMC125 FMM125 FMB130 FMC130 FMB130 FMC130 FMM130 FMB140 FMB150 FMC150 FMM150 FMB900 FMB920 FMB962 FMB964 FM3001 FMT100 MTB100 FMB202 FMB204 FMB206 FMT100 MTB100 FMB140</p> <p>FMBXXX FMB001 FMC001 FMB010 FMB003 FMB110 FMB120 FMB122 FMB125 FMU125 FMC125 FMM125 FMB130 FMC130 FMB130 FMC130 FMM130 FMB140 FMB150 FMC150 FMM150 FMB900 FMB920 FMB962 FMB964 FM3001 FMT100 MTB100 FMB202 FMB204 FMB206 FMT100 MTB100 FMB140</p>	OBD elements
51	Control Module Voltage	2	Unsigned	0	65535	0.001	V	Control module voltage	<p>FMBXXX FMB001 FMC001 FMB010 FMB003 FMB110 FMB120 FMB122 FMB125 FMU125 FMC125 FMM125 FMB130 FMC130 FMB130 FMC130 FMM130 FMB140 FMB150 FMC150 FMM150 FMB900 FMB920 FMB962 FMB964 FM3001 FMT100 MTB100 FMB202 FMB204 FMB206 FMT100 MTB100 FMB140</p> <p>FMBXXX FMB001 FMC001 FMB010 FMB003 FMB110 FMB120 FMB122 FMB125 FMU125 FMC125 FMM125 FMB130 FMC130 FMB130 FMC130 FMM130 FMB140 FMB150 FMC150 FMM150 FMB900 FMB920 FMB962 FMB964 FM3001 FMT100 MTB100 FMB202 FMB204 FMB206 FMT100 MTB100 FMB140</p> <p>FMBXXX FMB001 FMC001 FMB010 FMB003 FMB110 FMB120 FMB122 FMB125 FMU125 FMC125 FMM125 FMB130 FMC130 FMB130 FMC130 FMM130 FMB140 FMB150 FMC150 FMM150 FMB900 FMB920 FMB962 FMB964 FM3001 FMT100 MTB100 FMB202 FMB204 FMB206 FMT100 MTB100 FMB140</p>	OBD elements
52	Absolute Load Value	2	Unsigned	0	25700	-	%	Absolute load value	<p>FMBXXX FMB001 FMC001 FMB010 FMB003 FMB110 FMB120 FMB122 FMB125 FMU125 FMC125 FMM125 FMB130 FMC130 FMB130 FMC130 FMM130 FMB140 FMB150 FMC150 FMM150 FMB900 FMB920 FMB962 FMB964 FM3001 FMT100 MTB100 FMB202 FMB204 FMB206 FMT100 MTB100 FMB140</p> <p>FMBXXX FMB001 FMC001 FMB010 FMB003 FMB110 FMB120 FMB122 FMB125 FMU125 FMC125 FMM125 FMB130 FMC130 FMB130 FMC130 FMM130 FMB140 FMB150 FMC150 FMM150 FMB900 FMB920 FMB962 FMB964 FM3001 FMT100 MTB100 FMB202 FMB204 FMB206 FMT100 MTB100 FMB140</p> <p>FMBXXX FMB001 FMC001 FMB010 FMB003 FMB110 FMB120 FMB122 FMB125 FMU125 FMC125 FMM125 FMB130 FMC130 FMB130 FMC130 FMM130 FMB140 FMB150 FMC150 FMM150 FMB900 FMB920 FMB962 FMB964 FM3001 FMT100 MTB100 FMB202 FMB204 FMB206 FMT100 MTB100 FMB140</p>	OBD elements
759	Fuel Type	1	Unsigned	0	255	-	-	<p>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</p>	<p>FMBXXX FMB001 FMC001 FMB010 FMB003 FMB110 FMB120 FMB122 FMB125 FMU125 FMC125 FMM125 FMB130 FMC130 FMB130 FMC130 FMM130 FMB140 FMB150 FMC150 FMM150 FMB900 FMB920 FMB962 FMB964 FM3001 FMT100 MTB100 FMB202 FMB204 FMB206 FMT100 MTB100 FMB140</p> <p>FMBXXX FMB001 FMC001 FMB010 FMB003 FMB110 FMB120 FMB122 FMB125 FMU125 FMC125 FMM125 FMB130 FMC130 FMB130 FMC130 FMM130 FMB140 FMB150 FMC150 FMM150 FMB900 FMB920 FMB962 FMB964 FM3001 FMT100 MTB100 FMB202 FMB204 FMB206 FMT100 MTB100 FMB140</p> <p>FMBXXX FMB001 FMC001 FMB010 FMB003 FMB110 FMB120 FMB122 FMB125 FMU125 FMC125 FMM125 FMB130 FMC130 FMB130 FMC130 FMM130 FMB140 FMB150 FMC150 FMM150 FMB900 FMB920 FMB962 FMB964 FM3001 FMT100 MTB100 FMB202 FMB204 FMB206 FMT100 MTB100 FMB140</p>	OBD elements

53	Ambient Air Temperature	1	Signed	-128	127	-	°C	Ambient air temperature	FMBXXX FMB001 FMC001 FMB010 FMB003 FMB110 FMB120 FMB122 FMB125 FMU125 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 FMU125 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 FMU125 FMC125 FMM125 FMB130 FMC130 FMM130 FMB140 FMB150 FMC150 FMM150 FMB900 FMB920 FMB962 FMB964 FM3001 FMT100 MTB100 FMB202 FMB204 FMB206 FMT100 MTB100 FMB140	OBD elements
54	Time Run With MIL On	2	Unsigned	0	65535	-	min	Time run with MIL on	FMBXXX FMB001 FMC001 FMB010 FMB003 FMB110 FMB120 FMB122 FMB125 FMU125 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 FMU125 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 FMU125 FMC125 FMM125 FMB130 FMC130 FMM130 FMB140 FMB150 FMC150 FMM150 FMB900 FMB920 FMB962 FMB964 FM3001 FMT100 MTB100 FMB202 FMB204 FMB206 FMT100 MTB100 FMB140	OBD elements
55	Time Since Codes Cleared	2	Unsigned	0	65535	-	min	Time since codes cleared	FMBXXX FMB001 FMC001 FMB010 FMB003 FMB110 FMB120 FMB122 FMB125 FMU125 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 FMU125 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 FMU125 FMC125 FMM125 FMB130 FMC130 FMM130 FMB140 FMB150 FMC150 FMM150 FMB900 FMB920 FMB962 FMB964 FM3001 FMT100 MTB100 FMB202 FMB204 FMB206 FMT100 MTB100 FMB140	OBD elements
56	Absolute Fuel Rail Pressure	2	Unsigned	0	65535	0.1	kPa	Absolute fuel rail pressure	FMBXXX FMB001 FMC001 FMB010 FMB003 FMB110 FMB120 FMB122 FMB125 FMU125 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 FMU125 FMC125 FMM125 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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57	Hybrid battery pack life	1	Unsigned	0	100	-	%	Hybrid battery pack remaining life		FMB140 FMB150 FMC150 FMM150 FMB900 FMB920 FMB962 FMB964 FM3001 EMT100 MTB100 FMB202 FMB204 FMB206 FMT100 MTB100 FMB140	OBD elements
										FMBXXX FMB001 FMC001 FMB010 FMB003 FMB110 FMB120 FMB122 FMB125 FMU125 FMC125 FMM125 FMB130 FMB130 FMC130 FMM130	
58	Engine Oil Temperature	1	Unsigned	0	215	-	°C	Engine oil temperature		FMB140 FMB150 FMC150 FMM150 FMB900 FMB920 FMB962 FMB964 FM3001 EMT100 MTB100 FMB202 FMB204 FMB206 FMT100 MTB100 FMB140	OBD elements
										FMBXXX FMB001 FMC001 FMB010 FMB003 FMB110 FMB120 FMB122 FMB125 FMU125 FMC125 FMM125 FMB130 FMB130 FMC130 FMM130	
59	Fuel injection timing	2	Signed	-21000	30200	0.01	°	Fuel injection timing		FMB140 FMB150 FMC150 FMM150 FMB900 FMB920 FMB962 FMB964 FM3001 EMT100 MTB100 FMB202 FMB204 FMB206 FMT100 MTB100 FMB140	OBD elements
										FMBXXX FMB001 FMC001 FMB010 FMB003 FMB110 FMB120 FMB122 FMB125 FMU125 FMC125 FMM125 FMB130 FMB130 FMC130 FMM130	
540	Throttle position group	1	Unsigned	0	100	-	%	Throttle Position Value From PID Group		FMB140 FMB150 FMC150 FMM150 FMB900 FMB920 FMB962 FMB964 FM3001 EMT100 MTB100 FMB202 FMB204 FMB206 FMT100 MTB100 FMB140	OBD elements
										FMBXXX FMB001 FMC003 FMC00A FMM003 FMM00A	
541	Commanded Equivalence R	1	Unsigned	0	200	0.01	-	Fuel-Air Commanded Equivalence Ratio		FMBXXX FMB003 FMC003 FMC00A FMM003 FMM00A	OBD elements
										FMBXXX FMB001 FMB003 FMC003 FMC00A FMM003 FMM00A	
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	<ul style="list-style-type: none"> 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 	OBD elements
544	Hybrid System Current	2	Signed	-3277	3277	-	A	Hybrid vehicle system current	<ul style="list-style-type: none"> 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 	OBD elements
281	Fault Codes	variable	ASCII	0	128	-	-	Fault Codes (values separated via ",")	<ul style="list-style-type: none"> 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 	OBD elements
60	Fuel Rate	2	Unsigned	0	32767	0.01	L/h	Engine fuel rate, L/h*100	<ul style="list-style-type: none"> 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 	OBD elements

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](#)
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[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	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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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	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 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	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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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 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	
108	BLE Humidity #4	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	Bluetooth Low Energy	

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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279	BLE Fuel Level #4	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	
307	BLE Fuel Frequency #2	4	Unsigned	0	2147483647	-	-	Frequency value of BLE fuel sensor #2		Bluetooth Low Energy	

335	BLE Luminosity #1	2	Unsigned	0	0xFF FF	-	lx	Luminosity value of 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	
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 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	
337	BLE Luminosity #3	2	Unsigned	0	0xFF FF	-	lx	Luminosity value of BLE sensor		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	
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	

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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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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										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	
332	BLE 2 Custom #1	Variable	HEX	0	-	-	-	Custom IO element for BLE sensor		Bluetooth Low Energy	

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	
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									10	
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									FMB1	
									30	
									FMU1	
									30	
									FMC1	
									30	
									FMB1	
									40	
									FMB1	
									50	
333	BLE 3 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	

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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474	BLE 3 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	
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										FMB1	
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										FMB1	
										20	
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										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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ID	Parameter Name	Units	Min	Max	Resolution	Scale	Offset	Physical Unit	Control
112	AdBlue Level	2	Unassigned	0	6535	0.1	l	AdBlue level	ALLCAN300
114	Engine Load	1	Unassigned	0	130	-	%	Engine Load	ALLCAN300
115	Engine Temperature	2	Signal	400	1270	0.1	°C	Engine Temperature	LUCAN200, ALLCAN300, CANCONTROL
118	Axle 1 Load	2	Unassigned	0	32768	-	kg	Axle 1 load	ALLCAN300
119	Axle 2 Load	2	Unassigned	0	32768	-	kg	Axle 2 load	ALLCAN300
120	Axle 3 Load	2	Unassigned	0	32768	-	kg	Axle 3 load	ALLCAN300
121	Axle 4 Load	2	Unassigned	0	32768	-	kg	Axle 4 load	ALLCAN300
122	Axle 5 Load	2	Unassigned	0	32768	-	kg	Axle 5 load	ALLCAN300
123	Control State Flags	4	Unassigned	0	4294967295	-	-	Control state flags	ALLCAN300, CANCONTROL
124	Agricultural Machinery Flags	8	Unassigned	0	0xFFFFFFFF	-	-	Agricultural machinery flags	ALLCAN300
125	Harvesting Time	4	Unassigned	0	1677215	-	min	Harvesting time	ALLCAN300
126	Area of Harvest	4	Unassigned	0	4294967295	-	m²	Area of harvest in square meters	ALLCAN300
127	Mowing Efficiency	4	Unassigned	0	4294967295	-	0/100	Mowing efficiency	ALLCAN300
128	Grain Mow Volume	4	Unassigned	0	4294967295	-	kg	Mow volume	ALLCAN300
129	Grain Moisture	2	Unassigned	0	100	-	%	Grain moisture	ALLCAN300
130	Harvesting Drum RPM	2	Unassigned	0	6535	-	rpm	Harvesting drum rpm	ALLCAN300
131	Cap Under Harvesting Drum	1	Unassigned	0	255	-	mm	Cap under harvesting drum	ALLCAN300
132	Security State Flags	8	Unassigned	0	0xFFFFFFFF	-	-	Security state flags	ALLCAN300, CANCONTROL

133	Tachograph Total Vehicle Distance	4	Unsigned	0	4294987295	-	m	Tachio Total Vehicle Distance	FM8XX 046110 046111 046112 046113 046114 046115 046116 046117 046118 046119 046120	ALLCAN300
134	Trip Distance	4	Unsigned	0	4294987295	-	m	Trip distance	FM8XX 046121 046122 046123 046124 046125 046126 046127 046128 046129 046130	ALLCAN300
135	Tachograph Vehicle Speed	2	Unsigned	0	255	-	km/h	Tachio vehicle speed	FM8XX 046131 046132 046133 046134 046135 046136 046137 046138 046139 046140	ALLCAN300
136	Tachio Driver Card Presence	1	Unsigned	0	3	-	-	Tachio Driver Card Presence	FM8XX 046141 046142 046143 046144 046145 046146 046147 046148 046149 046150	ALLCAN300
137	Driver 1 Status	1	Unsigned	0	255	-	-	Driver 1 Status	FM8XX 046151 046152 046153 046154 046155 046156 046157 046158 046159 046160	ALLCAN300
138	Driver 2 Status	1	Unsigned	0	255	-	-	Driver 2 Status	FM8XX 046161 046162 046163 046164 046165 046166 046167 046168 046169 046170	ALLCAN300
139	Driver 1 Continuous Driving Time	2	Unsigned	0	65535	-	min.	Driver 1 Continuous Driving Time, minutes	FM8XX 046171 046172 046173 046174 046175 046176 046177 046178 046179 046180	ALLCAN300
140	Driver 2 Continuous Driving Time	2	Unsigned	0	65535	-	min.	Driver 2 Continuous Driving Time, minutes	FM8XX 046181 046182 046183 046184 046185 046186 046187 046188 046189 046190	ALLCAN300
141	Driver 1 Cumulative Break Time	2	Unsigned	0	65535	-	min.	Driver 1 Cumulative Break Time, minutes	FM8XX 046191 046192 046193 046194 046195 046196 046197 046198 046199 046200	ALLCAN300
142	Driver 2 Cumulative Break Time	2	Unsigned	0	65535	-	min.	Driver 2 Cumulative Break Time, minutes	FM8XX 046201 046202 046203 046204 046205 046206 046207 046208 046209 046210	ALLCAN300
143	Driver 1 Selected Activity Duration	2	Unsigned	0	65535	-	min.	Driver 1 Duration Of Selected Activity, minutes	FM8XX 046211 046212 046213 046214 046215 046216 046217 046218 046219 046220	ALLCAN300
144	Driver 2 Selected Activity Duration	2	Unsigned	0	65535	-	min.	Driver 2 Duration Of Selected Activity, minutes	FM8XX 046221 046222 046223 046224 046225 046226 046227 046228 046229 046230	ALLCAN300
145	Driver 1 Cumulative Driving Time	2	Unsigned	0	65535	-	min.	Driver 1 Cumulative Driving Time, minutes	FM8XX 046231 046232 046233 046234 046235 046236 046237 046238 046239 046240	ALLCAN300
146	Driver 2 Cumulative Driving Time	2	Unsigned	0	65535	-	min.	Driver 2 Cumulative Driving Time, minutes	FM8XX 046241 046242 046243 046244 046245 046246 046247 046248 046249 046250	ALLCAN300
147	Driver 1 ID High	8	Unsigned	0	0aFFFFFFFFFFFFFF	-	-	Driver 1 ID High	FM8XX 046251 046252 046253 046254 046255 046256 046257 046258 046259 046260	ALLCAN300
148	Driver 1 ID Low	8	Unsigned	0	0aFFFFFFFFFFFFFF	-	-	Driver 1 ID Low	FM8XX 046261 046262 046263 046264 046265 046266 046267 046268 046269 046270	ALLCAN300
149	Driver 2 ID High	8	Unsigned	0	0aFFFFFFFFFFFFFF	-	-	Driver 2 ID High	FM8XX 046271 046272 046273 046274 046275 046276 046277 046278 046279 046280	ALLCAN300
150	Driver 2 ID Low	8	Unsigned	0	0aFFFFFFFFFFFFFF	-	-	Driver 2 ID Low	FM8XX 046281 046282 046283 046284 046285 046286 046287 046288 046289 046290	ALLCAN300
151	Battery Temperature	2	Signed	-600	1270	0.1	°C	Battery temperature in Celsius	FM8XX 046291 046292 046293 046294 046295 046296 046297 046298 046299 046300	ALLCAN300
152	BV Battery Level	1	Unsigned	0	100	-	%	Battery level in percent	FM8XX 046301 046302 046303 046304 046305 046306 046307 046308 046309 046310	ALLCAN300, CANCONTROL
160	DTC Faults	1	Unsigned	0	255	-	-	DTC faults Count	FM8XX 046311 046312 046313 046314 046315 046316 046317 046318 046319 046320	ALLCAN300, CANCONTROL
161	Slope of Arm	2	Signed	-3276	3276	-	Degrees °	Slope Of Arm	FM8XX 046321 046322 046323 046324 046325 046326 046327 046328 046329 046330	ALLCAN300
162	Rotation of Arm	2	Signed	-180	180	-	Degrees °	Rotation Of Arm	FM8XX 046331 046332 046333 046334 046335 046336 046337 046338 046339 046340	ALLCAN300
163	Eject of Arm	2	Unsigned	0	6553	-	m	Eject of arm	FM8XX 046341 046342 046343 046344 046345 046346 046347 046348 046349 046350	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	Roll RPM	2	Unassigned	0	65535	-	rpm	Roll 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 DMs	4	Unassigned	0	1677722	-	T	Amount Of Spread DMs	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

214	CNG Level	1	Unsigned	0	100	-	%	CNG Level	LYCAN200, CANCONTROL
225	Oil Level	1	Unsigned	0	1	-	-	Engine Oil Level Indicator Status	ALLCAN300, CANCONTROL
304	Vehicle Range On Battery	4	Unsigned	0	1677215	-	m	Vehicle Range on Battery	ALLCAN300, CANCONTROL
305	Vehicle Range On Additional Fuel	4	Unsigned	0	1677215	-	m	Vehicle Range On Additional Fuel	ALLCAN300, CANCONTROL
325	VIN	17	ASCII	0	0xFF	-	-	VIN number	ALLCAN300, CANCONTROL
352	Fault Codes	Variable	-	0	128	-	-	DTC Fault codes	LYCAN200 + DTC
517	Security State Flags P4	8	HEX	0	0x00000000	-	-	Security state flags protocol 4, more information click here Link	ALLCAN300
518	Control State Flags P4	8	HEX	0	0x00000000	-	-	Control state flags protocol 4, more information click here Link	ALLCAN300
519	Indicator State Flags P4	8	HEX	0	0x00000000	-	-	Indicator state flags protocol 4, more information click here Link	ALLCAN300
520	Agricultural State Flags P4	8	HEX	0	0x00000000	-	-	Agricultural state flags protocol 4, more information click here Link	ALLCAN300
521	Utility State Flags P4	8	HEX	0	0x00000000	-	-	Utility state flags protocol 4, more information click here Link	ALLCAN300
522	Custom State Flags P4	8	HEX	0	0x00000000	-	-	Custom state flags protocol 4, more information click here Link	ALLCAN300
855	LNG Used	4	Unsigned	0	214748364	-	kg	Total LNG used in kilograms	ALLCAN300, CANCONTROL
856	LNG Used (rounded)	4	Unsigned	0	214748364	-	kg	Total LNG used rounded to kg	ALLCAN300, CANCONTROL
857	LNG Level	2	Unsigned	0	100	-	%	LNG level in perc	ALLCAN300, CANCONTROL
858	LNG Level	2	Unsigned	0	6535	-	kg	LPG level in kg	ALLCAN300, CANCONTROL
1100	Total LPG Used	4	Unsigned	0	4294987295	-	l	Total LPG used in liters	LYCAN
1101	Total LPG Used (rounded)	4	Unsigned	0	4294987295	-	l	Total LPG used rounded in liters	LYCAN
1102	LPG Level Proc	2	Unsigned	0	6535	-	%	LPG level in perc	LYCAN
1103	LPG Level Liters	2	Unsigned	0	6535	-	l	LPG level in liters	LYCAN
898	SSF Ignition	1	Unsigned	0	1	-	-	0 - No 1 - Yes	LYCAN, ALLCAN300, CANCONTROL
652	SSF KeyIgnitionLock	1	Unsigned	0	1	-	-	0 - No key in lock 1 - Key in lock	ALLCAN300, CANCONTROL
899	SSF Weights	1	Unsigned	0	1	-	-	0 - No 1 - Yes	ALLCAN300
900	SSF Engine Working	1	Unsigned	0	1	-	-	0 - No 1 - Yes	ALLCAN300, CANCONTROL
901	SSF Standalone Engine	1	Unsigned	0	1	-	-	0 - No 1 - Yes	ALLCAN300
902	SSF Ready To Drive	1	Unsigned	0	1	-	-	0 - No 1 - Yes	ALLCAN300, CANCONTROL
903	SSF Engine Working On CNG	1	Unsigned	0	1	-	-	0 - No 1 - Yes	ALLCAN300, CANCONTROL
904	SSF Work Mode	1	Unsigned	0	1	-	-	0 - Private 1 - Company	ALLCAN300
905	SSF Operator	1	Unsigned	0	1	-	-	0 - Not present 1 - Present	ALLCAN300
906	SSF Interlock	1	Unsigned	0	1	-	-	0 - Off 1 - On	ALLCAN300
907	SSF Engine Lock Active	1	Unsigned	0	1	-	-	0 - Inactive 1 - Active	CANCONTROL
908	SSF Request To Lock Engine	1	Unsigned	0	1	-	-	0 - Off 1 - On	CANCONTROL
653	SSF Handbrake Is Active	1	Unsigned	0	1	-	-	0 - Handbrake inactive 1 - Handbrake active	ALLCAN300, CANCONTROL
910	SSF Footbrake Is Active	1	Unsigned	0	1	-	-	0 - Footbrake inactive 1 - Footbrake active	ALLCAN300, CANCONTROL
911	SSF Clutch Pushed	1	Unsigned	0	1	-	-	0 - Clutch is pushed 1 - Clutch is not pushed	ALLCAN300, CANCONTROL
912	SSF Hazard Warning Lights	1	Unsigned	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
862	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
860	SSF Parking Gear Active (automatic gear box)	1	Unassigned	0	1	-	-	0 - Inactive 1 - Active	ALLGAND30, CANCONTROL
861	SSF Reverse Gear Active	1	Unassigned	0	1	-	-	0 - Inactive 1 - Active	ALLGAND30, CANCONTROL
859	SSF Neutral Gear Active (automatic gear box)	1	Unassigned	0	1	-	-	0 - Inactive 1 - Active	ALLGAND30, CANCONTROL

ECN	ECN Description	Qty	Material	Plant	Stock	Unit	Category	Value	Unit Price	Material	Plant	Stock	Unit	Category	Value
927	SSF Drive Is Active (Automatic gear box)	1	Unassigned	0	1	-	-	0 - Inactive 1 - Active		FM8XX 204110 204111 204112 204113 204114 204115 204116 204117 204118 204119 204120	ALLCAN30	CANCONTROL			
1063	SSF Engine Working On Dual Fuel	1	Unassigned	0	1	-	-	0 - Not working 1 - Working		FM8XX 204121 204122 204123 204124 204125 204126 204127 204128 204129 204130	ALLCAN30				
1084	SSF Engine Working On LPG	1	Unassigned	0	1	-	-	0 - Not working 1 - Working		FM8XX 204131 204132 204133 204134 204135 204136 204137 204138 204139 204140	ALLCAN30				
928	CSF Parking Lights	1	Unassigned	0	1	-	-	0 - Off 1 - On		FM8XX 204141 204142 204143 204144 204145 204146 204147 204148 204149 204150	ALLCAN30	CANCONTROL			
929	CSF Dipped Head Lights	1	Unassigned	0	1	-	-	0 - Off 1 - On		FM8XX 204151 204152 204153 204154 204155 204156 204157 204158 204159 204160	ALLCAN30	CANCONTROL			
930	CSF Full Beam Headlights	1	Unassigned	0	1	-	-	0 - Off 1 - On		FM8XX 204161 204162 204163 204164 204165 204166 204167 204168 204169 204170	ALLCAN30	CANCONTROL			
931	CSF Rear Fog Lights	1	Unassigned	0	1	-	-	0 - Off 1 - On		FM8XX 204171 204172 204173 204174 204175 204176 204177 204178 204179 204180	ALLCAN30	CANCONTROL			
932	CSF Front Fog Lights	1	Unassigned	0	1	-	-	0 - Off 1 - On		FM8XX 204181 204182 204183 204184 204185 204186 204187 204188 204189 204190	ALLCAN30	CANCONTROL			
933	CSF Additional Front Lights	1	Unassigned	0	1	-	-	0 - Off 1 - On		FM8XX 204191 204192 204193 204194 204195 204196 204197 204198 204199 204200	ALLCAN30				
934	CSF Additional Rear Lights	1	Unassigned	0	1	-	-	0 - Off 1 - On		FM8XX 204201 204202 204203 204204 204205 204206 204207 204208 204209 204210	ALLCAN30				
935	CSF Light Signal	1	Unassigned	0	1	-	-	0 - Off 1 - On		FM8XX 204211 204212 204213 204214 204215 204216 204217 204218 204219 204220	ALLCAN30				
936	CSF Air Conditioning	1	Unassigned	0	1	-	-	0 - Off 1 - On		FM8XX 204221 204222 204223 204224 204225 204226 204227 204228 204229 204230	ALLCAN30				
937	CSF Cruise Control	1	Unassigned	0	1	-	-	0 - Off 1 - On		FM8XX 204231 204232 204233 204234 204235 204236 204237 204238 204239 204240	ALLCAN30				
938	CSF Automatic Retarder	1	Unassigned	0	1	-	-	0 - Off 1 - On		FM8XX 204241 204242 204243 204244 204245 204246 204247 204248 204249 204250	ALLCAN30				
939	CSF Manual Retarder	1	Unassigned	0	1	-	-	0 - Off 1 - On		FM8XX 204251 204252 204253 204254 204255 204256 204257 204258 204259 204260	ALLCAN30				
940	CSF Driver's Seatbelt Fastened	1	Unassigned	0	1	-	-	0 - Not fastened 1 - Fastened		FM8XX 204261 204262 204263 204264 204265 204266 204267 204268 204269 204270	ALLCAN30				
941	CSF Front Driver's Seatbelt Fastened	1	Unassigned	0	1	-	-	0 - Not fastened 1 - Fastened		FM8XX 204271 204272 204273 204274 204275 204276 204277 204278 204279 204280	ALLCAN30				
942	CSF Left Driver's Seatbelt Fastened	1	Unassigned	0	1	-	-	0 - Not fastened 1 - Fastened		FM8XX 204281 204282 204283 204284 204285 204286 204287 204288 204289 204290	ALLCAN30				
943	CSF Right Driver's Seatbelt Fastened	1	Unassigned	0	1	-	-	0 - Not fastened 1 - Fastened		FM8XX 204291 204292 204293 204294 204295 204296 204297 204298 204299 204300	ALLCAN30				
944	CSF Centre Driver's Seatbelt Fastened	1	Unassigned	0	1	-	-	0 - Not fastened 1 - Fastened		FM8XX 204301 204302 204303 204304 204305 204306 204307 204308 204309 204310	ALLCAN30				
945	CSF Front Passenger Present	1	Unassigned	0	1	-	-	0 - Not present 1 - Present		FM8XX 204311 204312 204313 204314 204315 204316 204317 204318 204319 204320	ALLCAN30				
946	CSF PTO	1	Unassigned	0	1	-	-	0 - Off 1 - On		FM8XX 204321 204322 204323 204324 204325 204326 204327 204328 204329 204330	ALLCAN30				
947	CSF Front Differential Locked	1	Unassigned	0	1	-	-	0 - Unlocked 1 - Locked		FM8XX 204331 204332 204333 204334 204335 204336 204337 204338 204339 204340	ALLCAN30				
948	CSF Rear Differential Locked	1	Unassigned	0	1	-	-	0 - Unlocked 1 - Locked		FM8XX 204341 204342 204343 204344 204345 204346 204347 204348 204349 204350	ALLCAN30				

949	CSF Control Differential 4HE Locked	1	Unassigned	0	1	-	-	0 - Unlocked 1 - Locked	FM8XX 124110 124111 124112 124113 124114 124115 124116 124117 124118 124119 124120 124121	ALLCAND30
950	CSF Rear Differential 4LQ Locked	1	Unassigned	0	1	-	-	0 - Unlocked 1 - Locked	FM8XX 124122 124123 124124 124125 124126 124127 124128 124129 124130	ALLCAND30
951	CSF Trailer Axle 1 Left Active	1	Unassigned	0	1	-	-	0 - Inactive 1 - Active	FM8XX 124131 124132 124133 124134 124135 124136 124137 124138 124139	ALLCAND30
952	CSF Trailer Axle 2 Left Active	1	Unassigned	0	1	-	-	0 - Inactive 1 - Active	FM8XX 124140 124141 124142 124143 124144 124145 124146 124147 124148	ALLCAND30
1085	CSF Trailer Connected	1	Unassigned	0	1	-	-	0 - Disconnected 1 - Connected	FM8XX 124149 124150 124151 124152 124153 124154 124155 124156 124157	ALLCAND30
1086	CSF Start Stop System Inactive	1	Unassigned	0	1	-	-	0 - No 1 - Yes	FM8XX 124158 124159 124160 124161 124162 124163 124164 124165 124166	ALLCAND30
953	ISF Check Engine Indicator	1	Unassigned	0	1	-	-	0 - Off 1 - On	FM8XX 124167 124168 124169 124170 124171 124172 124173 124174 124175	ALLCAND30
954	ISF ABS Indicator	1	Unassigned	0	1	-	-	0 - Off 1 - On	FM8XX 124176 124177 124178 124179 124180 124181 124182 124183 124184	ALLCAND30
955	ISF ESP Indicator	1	Unassigned	0	1	-	-	0 - Off 1 - On	FM8XX 124185 124186 124187 124188 124189 124190 124191 124192 124193	ALLCAND30
956	ISF ESP Turned Off	1	Unassigned	0	1	-	-	0 - No 1 - Yes	FM8XX 124194 124195 124196 124197 124198 124199 124200 124201 124202	ALLCAND30
957	ISF Stop Indicator	1	Unassigned	0	1	-	-	0 - Off 1 - On	FM8XX 124203 124204 124205 124206 124207 124208 124209 124210 124211	ALLCAND30
958	ISF Oil Level Indicator	1	Unassigned	0	1	-	-	0 - Off 1 - On	FM8XX 124212 124213 124214 124215 124216 124217 124218 124219 124220	ALLCAND30, CANCONTROL
959	ISF Coolant liquid level	1	Unassigned	0	1	-	-	0 - Off 1 - On	FM8XX 124221 124222 124223 124224 124225 124226 124227 124228 124229	ALLCAND30
960	ISF Battery Not Charging Indicator	1	Unassigned	0	1	-	-	0 - Off 1 - On	FM8XX 124230 124231 124232 124233 124234 124235 124236 124237 124238	ALLCAND30
961	ISF Handbrake System Indicator	1	Unassigned	0	1	-	-	0 - Off 1 - On	FM8XX 124239 124240 124241 124242 124243 124244 124245 124246 124247	ALLCAND30
962	ISF AIRBAG Indicator	1	Unassigned	0	1	-	-	0 - Off 1 - On	FM8XX 124248 124249 124250 124251 124252 124253 124254 124255 124256	ALLCAND30
963	ISF EPS Indicator	1	Unassigned	0	1	-	-	0 - Off 1 - On	FM8XX 124257 124258 124259 124260 124261 124262 124263 124264 124265	ALLCAND30
964	ISF Warning Indicator	1	Unassigned	0	1	-	-	0 - Off 1 - On	FM8XX 124266 124267 124268 124269 124270 124271 124272 124273 124274	ALLCAND30
965	ISF Lights Failure Indicator	1	Unassigned	0	1	-	-	0 - Off 1 - On	FM8XX 124275 124276 124277 124278 124279 124280 124281 124282 124283	ALLCAND30
966	ISF Low Tire Pressure Indicator	1	Unassigned	0	1	-	-	0 - Off 1 - On	FM8XX 124284 124285 124286 124287 124288 124289 124290 124291 124292	ALLCAND30
967	ISF Wear Of Brake Pads Indicator	1	Unassigned	0	1	-	-	0 - Off 1 - On	FM8XX 124293 124294 124295 124296 124297 124298 124299 124300 124301	ALLCAND30
968	ISF Low Fuel Level Indicator	1	Unassigned	0	1	-	-	0 - Off 1 - On	FM8XX 124302 124303 124304 124305 124306 124307 124308 124309 124310	ALLCAND30
969	ISF Maintenance required Indicator	1	Unassigned	0	1	-	-	0 - Off 1 - On	FM8XX 124311 124312 124313 124314 124315 124316 124317 124318 124319	ALLCAND30
970	ISF Glow Plug Indicator	1	Unassigned	0	1	-	-	0 - Off 1 - On	FM8XX 124320 124321 124322 124323 124324 124325 124326 124327 124328	ALLCAND30

971	ISF FAP Indicator	1	Unassigned	0	1	-	-	0 - Off 1 - On	FM8XX 126111 126112 126113 126114 126115 126116 126117 126118 126119 126120 126121 126122 126123 126124 126125 126126 126127 126128 126129 126130	ALLCAN300
972	ISF EPC (Electronic Power Control) Indicator	1	Unassigned	0	1	-	-	0 - Off 1 - On	FM8XX 126131 126132 126133 126134 126135 126136 126137 126138 126139 126140	ALLCAN300
973	ISF Chipped Engine Oil Filter Indicator	1	Unassigned	0	1	-	-	0 - Off 1 - On	FM8XX 126141 126142 126143 126144 126145 126146 126147 126148 126149 126150	ALLCAN300
974	ISF Low Engine Oil Pressure Indicator	1	Unassigned	0	1	-	-	0 - Off 1 - On	FM8XX 126151 126152 126153 126154 126155 126156 126157 126158 126159 126160	ALLCAN300
975	ISF Too High Engine Oil Temperature Indicator	1	Unassigned	0	1	-	-	0 - Off 1 - On	FM8XX 126161 126162 126163 126164 126165 126166 126167 126168 126169 126170	ALLCAN300
976	ISF Low Coolant Level Indicator	1	Unassigned	0	1	-	-	0 - Off 1 - On	FM8XX 126171 126172 126173 126174 126175 126176 126177 126178 126179 126180	ALLCAN300
977	ISF Chipped Hydraulic System Oil Filter Indicator	1	Unassigned	0	1	-	-	0 - Off 1 - On	FM8XX 126181 126182 126183 126184 126185 126186 126187 126188 126189 126190	ALLCAN300
978	ISF Hydraulic System Low Pressure Indicator	1	Unassigned	0	1	-	-	0 - Off 1 - On	FM8XX 126191 126192 126193 126194 126195 126196 126197 126198 126199 126200	ALLCAN300
979	ISF Hydraulic Oil Low Level Indicator	1	Unassigned	0	1	-	-	0 - Off 1 - On	FM8XX 126201 126202 126203 126204 126205 126206 126207 126208 126209 126210	ALLCAN300
980	ISF Hydraulic System High Temperature Indicator	1	Unassigned	0	1	-	-	0 - Off 1 - On	FM8XX 126211 126212 126213 126214 126215 126216 126217 126218 126219 126220	ALLCAN300
981	ISF Oil Overflow In Hydraulic Chamber Indicator	1	Unassigned	0	1	-	-	0 - Off 1 - On	FM8XX 126221 126222 126223 126224 126225 126226 126227 126228 126229 126230	ALLCAN300
982	ISF Chipped Air Filter Indicator	1	Unassigned	0	1	-	-	0 - Off 1 - On	FM8XX 126231 126232 126233 126234 126235 126236 126237 126238 126239 126240	ALLCAN300
983	ISF Chipped Fuel Filter Indicator	1	Unassigned	0	1	-	-	0 - Off 1 - On	FM8XX 126241 126242 126243 126244 126245 126246 126247 126248 126249 126250	ALLCAN300
984	ISF Water in Fuel Indicator	1	Unassigned	0	1	-	-	0 - Off 1 - On	FM8XX 126251 126252 126253 126254 126255 126256 126257 126258 126259 126260	ALLCAN300
985	ISF Chipped Brake System Filter Indicator	1	Unassigned	0	1	-	-	0 - Off 1 - On	FM8XX 126261 126262 126263 126264 126265 126266 126267 126268 126269 126270	ALLCAN300
986	ISF Low Washer Fluid Level Indicator	1	Unassigned	0	1	-	-	0 - Off 1 - On	FM8XX 126271 126272 126273 126274 126275 126276 126277 126278 126279 126280	LUCAN,ALLCAN300
987	ISF Low AdBlue Level Indicator	1	Unassigned	0	1	-	-	0 - Off 1 - On	FM8XX 126281 126282 126283 126284 126285 126286 126287 126288 126289 126290	LUCAN,ALLCAN300
988	ISF Low Trailer Tyre Pressure Indicator	1	Unassigned	0	1	-	-	0 - Off 1 - On	FM8XX 126291 126292 126293 126294 126295 126296 126297 126298 126299 126300	ALLCAN300
989	ISF Wear Of Trailer Brake Lining Indicator	1	Unassigned	0	1	-	-	0 - Off 1 - On	FM8XX 126301 126302 126303 126304 126305 126306 126307 126308 126309 126310	ALLCAN300
990	ISF High Trailer Brake Temperature Indicator	1	Unassigned	0	1	-	-	0 - Off 1 - On	FM8XX 126311 126312 126313 126314 126315 126316 126317 126318 126319 126320	ALLCAN300
991	ISF Incorrect Trailer Pneumatic Supply Indicator	1	Unassigned	0	1	-	-	0 - Off 1 - On	FM8XX 126321 126322 126323 126324 126325 126326 126327 126328 126329 126330	ALLCAN300
992	ISF Low CMC Level Indicator	1	Unassigned	0	1	-	-	0 - Off 1 - On	FM8XX 126331 126332 126333 126334 126335 126336 126337 126338 126339 126340	LUCAN,ALLCAN300
993	ASF Right Joystick Moved Right Active	1	Unassigned	0	1	-	-	0 - Inactive 1 - Active	FM8XX 126341 126342 126343 126344 126345 126346 126347 126348 126349 126350	ALLCAN300
994	ASF Right Joystick Moved Left Active	1	Unassigned	0	1	-	-	0 - Inactive 1 - Active	FM8XX 126351 126352 126353 126354 126355 126356 126357 126358 126359 126360	ALLCAN300

1019	ASF Calender Drive	1	Unassigned	0	1	-	-	0 - Off 1 - On	FM8XX 126110 126111 126112 126113 126114 126115 126116 126117 126118 126119 126120 126121 126122 126123 126124 126125 126126 126127 126128 126129 126130	ALLCAND30
1020	ASF Cleaning Fan Control Turned Off	1	Unassigned	0	1	-	-	0 - No 1 - Yes	FM8XX 126131 126132 126133 126134 126135 126136 126137 126138 126139 126140	ALLCAND30
1021	ASF Threshing Drum Control Turned Off	1	Unassigned	0	1	-	-	0 - No 1 - Yes	FM8XX 126141 126142 126143 126144 126145 126146 126147 126148 126149 126150	ALLCAND30
1022	ASF Straw Walker Is Clogged	1	Unassigned	0	1	-	-	0 - No 1 - Yes	FM8XX 126151 126152 126153 126154 126155 126156 126157 126158 126159 126160	ALLCAND30
1023	ASF Excessive Clearance Under The Threshing Drum	1	Unassigned	0	1	-	-	0 - No 1 - Yes	FM8XX 126161 126162 126163 126164 126165 126166 126167 126168 126169 126170	ALLCAND30
1024	ASF Low Temperature Of Drive System Hydraulics Less Than 5 Grades	1	Unassigned	0	1	-	-	0 - No 1 - Yes	FM8XX 126171 126172 126173 126174 126175 126176 126177 126178 126179 126180	ALLCAND30
1025	ASF High Temperature Of Drive System Hydraulics Greater Than 95 Grades	1	Unassigned	0	1	-	-	0 - No 1 - Yes	FM8XX 126181 126182 126183 126184 126185 126186 126187 126188 126189 126190	ALLCAND30
1026	ASF Ear Auger Speed Below The Norm	1	Unassigned	0	1	-	-	0 - No 1 - Yes	FM8XX 126191 126192 126193 126194 126195 126196 126197 126198 126199 126200	ALLCAND30
1027	ASF Grain Auger Speed Below The Norm	1	Unassigned	0	1	-	-	0 - No 1 - Yes	FM8XX 126201 126202 126203 126204 126205 126206 126207 126208 126209 126210	ALLCAND30
1028	ASF Straw Chopper Speed Below The Norm	1	Unassigned	0	1	-	-	0 - No 1 - Yes	FM8XX 126211 126212 126213 126214 126215 126216 126217 126218 126219 126220	ALLCAND30
1029	ASF Straw Shaker Speed Below The Norm	1	Unassigned	0	1	-	-	0 - No 1 - Yes	FM8XX 126221 126222 126223 126224 126225 126226 126227 126228 126229 126230	ALLCAND30
1030	ASF Fender Speed Below The Norm	1	Unassigned	0	1	-	-	0 - No 1 - Yes	FM8XX 126231 126232 126233 126234 126235 126236 126237 126238 126239 126240	ALLCAND30
1031	ASF Straw Chopper Switched On	1	Unassigned	0	1	-	-	0 - Off 1 - On	FM8XX 126241 126242 126243 126244 126245 126246 126247 126248 126249 126250	ALLCAND30
1032	ASF Corn Header Connected	1	Unassigned	0	1	-	-	0 - No 1 - Yes	FM8XX 126251 126252 126253 126254 126255 126256 126257 126258 126259 126260	ALLCAND30
1033	ASF Grain Header Connected	1	Unassigned	0	1	-	-	0 - No 1 - Yes	FM8XX 126261 126262 126263 126264 126265 126266 126267 126268 126269 126270	ALLCAND30
1034	ASF Fender Reverse Switched On	1	Unassigned	0	1	-	-	0 - Off 1 - On	FM8XX 126271 126272 126273 126274 126275 126276 126277 126278 126279 126280	ALLCAND30
1035	ASF The Pressure Filter Of The Hydraulic Pump Is Clogged	1	Unassigned	0	1	-	-	0 - No 1 - Yes	FM8XX 126281 126282 126283 126284 126285 126286 126287 126288 126289 126290	ALLCAND30
1087	ASF Adapter Pressure Filter Sensor	1	Unassigned	0	1	-	-	0 - Off 1 - On	FM8XX 126291 126292 126293 126294 126295 126296 126297 126298 126299 126300	ALLCAND30
1088	ASF Service 2 Required Indicator	1	Unassigned	0	1	-	-	0 - Off 1 - On	FM8XX 126301 126302 126303 126304 126305 126306 126307 126308 126309 126310	ALLCAND30
1089	ASF Disk Filter Clogged Indicator	1	Unassigned	0	1	-	-	0 - Off 1 - On	FM8XX 126311 126312 126313 126314 126315 126316 126317 126318 126319 126320	ALLCAND30
1090	ASF Section 1 Spraying	1	Unassigned	0	1	-	-	0 - Off 1 - On	FM8XX 126321 126322 126323 126324 126325 126326 126327 126328 126329 126330	ALLCAND30
1091	ASF Section 2 Spraying	1	Unassigned	0	1	-	-	0 - Off 1 - On	FM8XX 126331 126332 126333 126334 126335 126336 126337 126338 126339 126340	ALLCAND30
1092	ASF Section 3 Spraying	1	Unassigned	0	1	-	-	0 - Off 1 - On	FM8XX 126341 126342 126343 126344 126345 126346 126347 126348 126349 126350	ALLCAND30
1093	ASF Section 4 Spraying	1	Unassigned	0	1	-	-	0 - Off 1 - On	FM8XX 126351 126352 126353 126354 126355 126356 126357 126358 126359 126360	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 Downpipe	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
859	Distance from need of service	4	Unassigned	0	429497295	-	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
860	Distance from last service	4	Unassigned	0	429497295	-	km	Service - distance from the last service	FMISXX 1262141 1262142 1262143 1262144 1262145 1262146 1262147 1262148 1262149 1262150	CAN adapters
861	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
862	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
863	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
864	Distance to next oil service	4	Unassigned	0	429497295	-	km	Service - distance to next oil service	FMISXX 1262181 1262182 1262183 1262184 1262185 1262186 1262187 1262188 1262189 1262190	CAN adapters
865	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
866	LVCAN Vehicle Range	4	Unassigned	0	429497295	-	km	Information about vehicle range	FMISXX 1262201 1262202 1262203 1262204 1262205 1262206 1262207 1262208 1262209 1262210	CAN adapters
867	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 RSP 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 RSP 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 RSP 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 RSP 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 RSP 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