

FMB010 Teltonika Data Sending Parameters ID

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Document updated according firmware FMB.Ver.03.18.18.Rev.50 and newer.

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

□

Contents

- [1 Permanent I/O elements](#)
- [2 Eventual I/O elements](#)
- [3 BLE Sensors I/O elements](#)

Permanent I/O elements

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

										FMBXX	
										X	
										FMB00	
										1	
										FMC00	
										1	
										FMB01	
										0	
										FMB00	
										2	
										FMB02	
										0	
										FMB00	
										3	
										FMB11	
										0	
										FMB12	
										0	
										FMB12	
										2	
										FMB12	
										5	
										FMB13	
										0	
										FMB14	
										0	
										FMB15	
										0	
										FMC15	
										0	
										FMM1	
240	Movement	1	Unsign ed	0	1	-	-	0 - Movement Off 1 - Movement On		50	Permanent I/O elements
										FMU12	
										5	
										FMB90	
										0	
										FMB92	
										0	
										FMB96	
										2	
										FMB96	
										4	
										FM300	
										1	
										FMB20	
										2	
										FMB20	
										4	
										FMB20	
										6	
										FMT10	
										0	
										MTB10	
										0	
										FMP10	
										0	
										MSP50	
										0	
										FMC80	
										0	
										FMM8	
										00	
										FMM8	
										0A	

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

[FMBXX](#)
[X](#)
[FMB00](#)
[1](#)
[FMC00](#)
[1](#)
[FMB01](#)
[0](#)
[FMB00](#)
[2](#)
[FMB02](#)
[0](#)
[FMB00](#)
[3](#)
[FMB11](#)
[0](#)
[FMB12](#)
[0](#)
[FMB12](#)
[2](#)
[FMB12](#)
[5](#)
[FMU12](#)
[5](#)
[FMB14](#)
[0](#)
[FMB15](#)
[0](#)
[FMC15](#)
[0](#)
[FMM1](#)
[50](#)
[FMB90](#)
[0](#)
[FMB92](#)
[0](#)
[FMB96](#)
[2](#)
[FMB96](#)
[4](#)
[FM300](#)
[1](#)
[FMB20](#)
[2](#)
[FMB20](#)
[4](#)
[FMB20](#)
[6](#)
[FMT10](#)
[0](#)
[MTB10](#)
[0](#)
[FMP10](#)
[0](#)
[MSP50](#)
[0](#)
[FMC80](#)
[0](#)
[FMM8](#)
[00](#)
[FMM8](#)
[0A](#)

Permanent I/O Elements

21 GSM Signal 1 Unsigned 0 5 - - Value in range 1-5

FMBXX
X
FMB00
1
FMC00
1
FMB01
0
FMB00
2
FMB02
0
FMB00
3
FMB11
0
FMB12
0
FMB12
2
FMB12
5
FMU12
5
FMB14
0
FMB15
0
FMC15
0
FMM1 Permanent I/O
50 Elements
FMB90
0
FMB92
0
FMB96
2
FMB96
4
FM300
1
FMB20
2
FMB20
4
FMB20
6
FMT10
0
MTB10
0
FMP10
0
MSP50
0
FMC80
0
FMM8
00
FMM8
0A

200

Sleep Mode

1

Unsign
ed

0

4

-

-

- 0 - No Sleep
- 1 - GPS Sleep
- 2 - Deep Sleep
- 3 - Online Sleep
- 4 - Ultra Sleep

FMBXX
 X
[FMB00](#)
[1](#)
[FMC00](#)
[1](#)
[FMB01](#)
[0](#)
[FMB00](#)
[2](#)
[FMB02](#)
[0](#)
[FMB00](#)
[3](#)
[FMB11](#)
[0](#)
[FMB12](#)
[0](#)
[FMB12](#)
[2](#)
[FMB12](#)
[5](#)
[FMU12](#)
[5](#)
[FMB14](#)
[0](#)
[FMB15](#)
[0](#)
[FMC15](#)
[0](#)
[FMM1](#)
[50](#)
[FMB90](#)
[0](#)
[FMB92](#)
[0](#)
[FMB96](#)
[2](#)
[FMB96](#)
[4](#)
[FM300](#)
[1](#)
[FMB20](#)
[2](#)
[FMB20](#)
[4](#)
[FMB20](#)
[6](#)
[FMT10](#)
[0](#)
[MTB10](#)
[0](#)
[FMP10](#)
[0](#)
[MSP50](#)
[0](#)
[FMC80](#)
[0](#)
[FMM8](#)
[00](#)
[FMM8](#)
[0A](#)

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

FMBXX
 X
 FMB00
 1
 FMC00
 1
 FMB01
 0
 FMB00
 2
 FMB02
 0
 FMB00
 3
 FMB11
 0
 FMB12
 0
 FMB12
 2
 FMB12
 5
 FMU12
 5
 FMB14
 0
 FMB15
 0
 FMC15
 0
 FMM1
 50
 FMB90
 0
 FMB92
 0
 FMB96
 2
 FMB96
 4
 FM300
 1
 FMB20
 2
 FMB20
 4
 FMB20
 6
 FMT10
 0
 MTB10
 0
 FMP10
 0
 MSP50
 0
 FMC80
 0
 FMM8
 00
 FMM8
 0A

Permanent I/O Elements

66 External Voltage 2 Unsigned 0 65535 0.001 V Voltage

FMBXX
X
FMB00
1
FMC00
1
FMB01
0
FMB00
2
FMB02
0
FMB00
3
FMB11
0
FMB12
0
FMB12
2
FMB12
5
FMB13
0
FMB14
0
FMB15
0
FMC15
0
FMM1
50
FMU12
5
FMB90
0
FMB92
0
FMB96
2
FMB96
4
FM300
1
FMB20
2
FMB20
4
FMB20
6
FMT10
0
MTB10
0
FMP10
0
MSP50
0
FMC80
0
FMM8
00
FMM8
0A

Permanent I/O elements

24 Speed 2 Unsigned 0 350 - km/h GNSS Speed

FMBXX
 X
[FMB00](#)
[1](#)
[FMC00](#)
[1](#)
[FMB01](#)
[0](#)
[FMB00](#)
[2](#)
[FMB02](#)
[0](#)
[FMB00](#)
[3](#)
[FMB11](#)
[0](#)
[FMB12](#)
[0](#)
[FMB12](#)
[2](#)
[FMB12](#)
[5](#)
[FMU12](#)
[5](#)
[FMB14](#)
[0](#)
[FMB15](#)
[0](#)
[FMC15](#)
[0](#)
[FMM1](#) Permanent I/O
[50](#) elements
[FMB90](#)
[0](#)
[FMB92](#)
[0](#)
[FMB96](#)
[2](#)
[FMB96](#)
[4](#)
[FM300](#)
[1](#)
[FMB20](#)
[2](#)
[FMB20](#)
[4](#)
[FMB20](#)
[6](#)
[FMT10](#)
[0](#)
[MTB10](#)
[0](#)
[FMP10](#)
[0](#)
[MSP50](#)
[0](#)
[FMC80](#)
[0](#)
[FMM8](#)
[00](#)
[FMM8](#)
[0A](#)

205 GSM Cell ID 2 Unsigned 0 65535 - - GSM base station ID

FMBXX
 X
[FMB00](#)
[1](#)
[FMC00](#)
[1](#)
[FMB01](#)
[0](#)
[FMB00](#)
[2](#)
[FMB02](#)
[0](#)
[FMB00](#)
[3](#)
[FMB11](#)
[0](#)
[FMB12](#)
[0](#)
[FMB12](#)
[2](#)
[FMB12](#)
[5](#)
[FMU12](#)
[5](#)
[FMB14](#)
[0](#)
[FMB15](#)
[0](#)
[FMC15](#)
[0](#)
[FMM1](#) Permanent I/O
[50](#) elements
[FMB90](#)
[0](#)
[FMB92](#)
[0](#)
[FMB96](#)
[2](#)
[FMB96](#)
[4](#)
[FM300](#)
[1](#)
[FMB20](#)
[2](#)
[FMB20](#)
[4](#)
[FMB20](#)
[6](#)
[FMT10](#)
[0](#)
[MTB10](#)
[0](#)
[FMP10](#)
[0](#)
[MSP50](#)
[0](#)
[FMC80](#)
[0](#)
[FMM8](#)
[00](#)
[FMM8](#)
[0A](#)

67 Battery Voltage 2 Unsigned 0 65535 0.001 V Voltage

FMBXX
X
FMB00
1
FMC00
1
FMB01
0
FMB12
0
FMB12
2
FMB12
5
FMB13
0
FMB14
0
FMB15
0
FMC15
0
FMM1
50
FMB92
0
FMB96
2
FMB96
4
FM300
1
FMB20
2
FMB20
4
FMB20
6
FMT10
0
MTB10
0
FMC80
0
FMM8
00
FMM8
0A

Permanent I/O
elements

68 Battery Current 2 Unsigned 0 65535 0.001 A Current

FMBXX
X
FMB00
1
FMC00
1
FMB01
0
FMB12
0
FMB12
2
FMB12
5
FMU12
5
FMC12
5
FMM1
25
FMB13
0
FMU13
0
FMC13
0
FMM1
30
FMB92
0
FMB96
2
FMB96
4
FM300
1
FMB20
2
FMB20
4
FMB20
6
FMT10
0
MTB10
0
FMB14
0
FMC80
0
FMM8
00
FMM8
0A

Permanent I/O
elements

16	Total Odometer	4	Unsign ed	0	21474 83647	-	-	Total Odometer value in meters	FMBXX X FMB00 1 FMC00 1 FMB01 0 FMB00 2 FMB02 0 FMB00 3 FMB11 0 FMB12 0 FMB12 2 FMB12 5 FMU12 5 FMB14 0 FMB15 0 FMC15 0 FMM1 Permanent I/O 50 elements FMB90 0 FMB92 0 FMB96 2 FMB96 4 FM300 1 FMB20 2 FMB20 4 FMB20 6 FMT10 0 MTB10 0 FMP10 0 MSP50 0 FMC80 0 FMM8 00 FMM8 0A
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9 Analog Input 1 2 Unsigned 0 65535 0.001 mV Voltage

FMBXX
X
[FMB00](#)
[1](#)
[FMB01](#)
[0](#)
[FMB11](#)
[0](#)
[FMB12](#)
[0](#)
[FMB12](#)
[2](#)
[FMB12](#)
[5](#)
[FMU12](#)
[5](#)
[FMC12](#)
[5](#)
[FMM1](#)
[25](#)
[FMB13](#)
[0](#)
[FMU13](#) Permanent I/O
[0](#) elements
[FMC13](#)
[0](#)
[FMM1](#)
[30](#)
[FMB14](#)
[0](#)
[FMB90](#)
[0](#)
[FMB92](#)
[0](#)
[FMB96](#)
[2](#)
[FMB96](#)
[4](#)
[FMB20](#)
[2](#)
[FMB20](#)
[4](#)
[FMB20](#)
[6](#)
[MTB10](#)
[0](#)

179 Digital Output 1 1 Unsigned 0 1 - - Logic: 0/1

FMBXX
X
[FMB11](#)
0
[FMB12](#)
0
[FMB12](#)
2
[FMB12](#)
5
[FMU12](#)
5
[FMC12](#)
5
[FMM1](#)
25
[FMB13](#)
0
[FMU13](#)
0
[FMC13](#)
0
[FMM1](#)
30
[FMB14](#)
0
[FMB15](#)
0
[FMC15](#)
0
[FMM1](#)
50
[FMB90](#)
0
[FMB92](#)
0
[FMB96](#)
2
[FMB96](#)
4
[FMB20](#)
2
[FMB20](#)
4
[FMB20](#)
6
[MTB10](#)
0

Permanent I/O
elements

12 Fuel Used GPS 4 Unsigned 0 42949 0.001 1 Fuel Used
67295

FMBXX
X
FMB00
1
FMC00
1
FMB01
0
FMB11
0
FMB12
0
FMB12
2
FMB12
5
FMU12
5
FMC12
5
FMM1
25
FMB13
0
FMU13
0
FMC13
0
FMM1 Permanent I/O
30 elements
FMB14
0
FMB90
0
FMB92
0
FMB96
2
FMB96
4
FM300
1
FMB20
2
FMB20
4
FMB20
6
FMT10
0
MTB10
0
FMC80
0
FMM8
00
FMM8
0A

17 Axis X 2 Signed -8000 8000 - mG X axis value

FMBXX
X
FMB00
1
FMC00
1
FMB01
0
FMB00
2
FMB02
0
FMB00
3
FMB11
0
FMB12
0
FMB12
2
FMB12
5
FMU12
5
FMB14
0
FMB15
0
FMC15
0
FMM1 Permanent I/O
50 elements
FMB90
0
FMB92
0
FMB96
2
FMB96
4
FM300
1
FMB20
2
FMB20
4
FMB20
6
FMT10
0
MTB10
0
FMP10
0
MSP50
0
FMC80
0
FMM8
00
FMM8
0A

18 Axis Y 2 Signed -8000 8000 - mG Y axis value

FMBXX
X
FMB00
1
FMC00
1
FMB01
0
FMB00
2
FMB02
0
FMB00
3
FMB11
0
FMB12
0
FMB12
2
FMB12
5
FMU12
5
FMB14
0
FMB15
0
FMC15
0
FMM1 Permanent I/O
50 elements
FMB90
0
FMB92
0
FMB96
2
FMB96
4
FM300
1
FMB20
2
FMB20
4
FMB20
6
FMT10
0
MTB10
0
FMP10
0
MSP50
0
FMC80
0
FMM8
00
FMM8
0A

19 Axis Z 2 Signed -8000 8000 - mG Z axis value

FMBXX
X
FMB00
1
FMC00
1
FMB01
0
FMB00
2
FMB02
0
FMB00
3
FMB11
0
FMB12
0
FMB12
2
FMB12
5
FMU12
5
FMB14
0
FMB15
0
FMC15
0
FMM1 Permanent I/O
50 elements
FMB90
0
FMB92
0
FMB96
2
FMB96
4
FM300
1
FMB20
2
FMB20
4
FMB20
6
FMT10
0
MTB10
0
FMP10
0
MSP50
0
FMC80
0
FMM8
00
FMM8
0A

11 ICCID1 8 Unsign 0 0xffffffff - - Value of SIM ICCID, MSB

FMBXX
X
FMB00
1
FMC00
1
FMB01
0
FMB00
2
FMB02
0
FMB00
3
FMB11
0
FMB12
0
FMB12
2
FMB12
5
FMU12
5
FMB14
0
FMB15
0
FMC15
0
FMM1 Permanent I/O
50 elements
FMB90
0
FMB92
0
FMB96
2
FMB96
4
FM300
1
FMB20
2
FMB20
4
FMB20
6
FMT10
0
MTB10
0
FMP10
0
MSP50
0
FMC80
0
FMM8
00
FMM8
0A

10 SD Status 1 Unsigned 0 1 - - 0 - not present 1 - present

FMBXX
X
FMB00
1
FMB01
0
FMB11
0
FMB12
0
FMB12
2
FMB12
5
FMU12
5
FMC12
5
FMB13
0
FMU13 Permanent I/O
0 elements
FMC13
0
FMB90
0
FMB92
0
FMB96
2
FMB96
4
FM300
1
FMB20
2
FMB20
4
FMB20
6
FMT10
0

6	Analog Input 2	2	Unsigned	0	65535	0.001	mV	Voltage	FMBXX X FMB11 0 FMB12 0 FMB12 2 FMB13 0 FMU13 0 FMC13 0 FMM1 30 FMB14 0 FMBXX X FMB11 0 FMB12 0 FMB12 2 FMB13 0 FMU13 0 FMC13 0 FMM1 30 FMB14 0	Permanent I/O elements
180	Digital Output 2	1	Unsigned	0	1	-	-	Logic 0/1	FMM1 30 FMB14 0 FMB15 0 FMC15 0 FMM1 50 FMB20 2 FMB20 4 FMB20 6 FMBXX X FMB11 0 FMB12 0 FMB12 2 FMB12 5 FMU12 5 FMC12 5 FMM1 25 FMB13 0 FMB14 0 FMB15 0 FMC15 0 FMM1 50 FMU13 0 FMC13 0 FMM1 30 FMB20 2 FMB20 4 FMB20 6	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	FMB13 0 FMB14 0 FMB15 0 FMC15 0 FMM1 50 FMU13 0 FMC13 0 FMM1 30 FMB20 2 FMB20 4 FMB20 6	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	FMBXX X FMB11 0 FMB12 0 FMB12 2 FMB12 5 FMU12 5 FMC12 5 FMM1 25 FMB13 0 FMB14 0 FMB15 0 FMC15 0 FMM1 50 FMU13 0 FMC13 0 FMM1 30 FMB20 2 FMB20 4 FMB20 6 FMBXX X FMB11 0 FMB12 0 FMB12 2 FMB12 5 FMU12 5 FMC12 5 FMM1 25 FMB13 0 FMB14 0 FMB15 0 FMC15 0 FMM1 50 FMU13 0 FMC13 0 FMM1 30 FMB20 2 FMB20 4 FMB20 6	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	FMBXX X FMB11 0 FMB12 0 FMB12 2 FMB12 5 FMU12 5 FMC12 5 FMM1 25 FMB13 0 FMB14 0 FMB15 0 FMC15 0 FMM1 50 FMU13 0 FMC13 0 FMM1 30 FMB20 2 FMB20 4 FMB20 6	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	FMBXX X FMB11 0 FMB12 0 FMB12 2 FMB12 5 FMB12 5 FMC12 5 FMM1 25 FMB13 0 FMB14 0 FMB15 0 FMC15 0 FMM1 50 FMU13 0 FMC13 0 FMM1 30 FMB20 2 FMB20 4 FMB20 6 FMBXX X FMB11 0 FMB12 0 FMB12 2 FMB12 5 FMU12 5 FMC12 5 FMM1 25 FMB13 0 FMB14 0 FMB15 0 FMC15 0 FMM1 50 FMU13 0 FMC13 0 FMM1 30 FMB20 2 FMB20 4 FMB20 6	Permanent I/O elements
76	Dallas Temperature ID	1	8	Unsigned	0	0xffffffff	-	-	Dallas sensor ID	FMBXX X FMB11 0 FMB12 0 FMB12 2 FMB12 5 FMU12 5 FMC12 5 FMM1 25 FMB13 0 FMB14 0 FMB15 0 FMC15 0 FMM1 50 FMU13 0 FMC13 0 FMM1 30 FMB20 2 FMB20 4 FMB20 6	Permanent I/O elements

201	LLS 1 Fuel Level	2	Signed	-4	32767	-	kvants or ltr	Fuel level measured by LLS sensor via RS232/RS485	FMB12 5 FMB12 5 FMU12 5 FMC12 5 FMM1 25 FMB12 5 FMB12 5	Permanent I/O elements
202	LLS 1 Temperature	1	Signed	-128	127	-	°C	Fuel temperature measured by LLS via RS232/RS485	FMU12 5 FMC12 5 FMM1 25 FMB12 5 FMB12 5	Permanent I/O elements
203	LLS 2 Fuel Level	2	Signed	-4	32767	-	kvants or ltr	Fuel level measured by LLS sensor via RS485	FMU12 5 FMC12 5 FMM1 25 FMB12 5 FMB12 5	Permanent I/O elements
204	LLS 2 Temperature	1	Signed	-128	127	-	°C	Fuel temperature measured by LLS via RS485	FMU12 5 FMC12 5 FMM1 25 FMB12 5 FMB12 5	Permanent I/O elements
210	LLS 3 Fuel Level	2	Unsign ed	-4	32767	-	kvants or ltr	Fuel level measured by LLS sensor via RS485	FMU12 5 FMC12 5 FMM1 25 FMB12 5 FMB12 5	Permanent I/O elements
211	LLS 3 Temperature	1	Signed	-128	127	-	°C	Fuel temperature measured by LLS via RS485	FMU12 5 FMC12 5 FMM1 25 FMB12 5 FMB12 5	Permanent I/O elements
212	LLS 4 Fuel Level	2	Signed	-4	32767	-	kvants or ltr	Fuel level measured by LLS sensor via RS485	FMU12 5 FMC12 5 FMM1 25 FMB12 5 FMB12 5	Permanent I/O elements
213	LLS 4 Temperature	1	Signed	-128	127	-	°C	Fuel temperature measured by LLS via RS485	FMU12 5 FMC12 5 FMM1 25	Permanent I/O elements

214	LLS 5 Fuel Level	2	Signed	-4	32767	-	kvants or ltr	Fuel level measured by LLS sensor via RS485	FMB12 5 FMB12 5 FMU12 5 FMC12 5 FMM1 25 FMB12 5 FMB12 5 FMU12 5 FMC12 5 FMM1 25	Permanent I/O elements
215	LLS 5 Temperature	1	Signed	-128	127	-	°C	Fuel temperature measured by LLS via RS485	FMBXX X FMB00 1 FMC00 1 FMB01 0 FMB11 0 FMB12 0 FMB12 2 FMB12 5 FMU12 5 FMC12 5 FMM1 25 FMB13 0 FMU13 0 FMC13 0 FMM1 30 FMB14 0	Permanent I/O elements
15	Eco Score	2	Unsign ed	0	65535	0.01	-	Average amount of events on some distance	FMB15 0 FMC15 0 FMM1 50 FMB90 0 FMB92 0 FMB96 2 FMB96 4 FM300 1 FMB20 2 FMB20 4 FMB20 6 FMT10 0 MTB10 0 FMC80 0 FMM8 00 FMM8 0A	Permanent I/O elements

238	User ID	8	Unsigned	0	0xffffffff ffffffff	-	-	MAC address of NMEA receiver device connected via Bluetooth	FMBXX X FMB00 1 FMC00 1 FMB01 0 FMB11 0 FMB12 0 FMB12 2 FMB12 5 FMB13 0 FMB14 0 FMB15 0 FMC15 0 FMM1 50 FMB90 0 FMB92 0 FMB20 2 FMB20 4 FMB20 6 FMT10 0 FMP10 0 FMC00 1 FMC12 5 FMC13 0 FMM0 01 FMM1 25 FMM1 30 FMC80 0 FMM8 00 FMM8 0A FMC88 0 FMM8 80 FMC25 0	Permanent I/O elements
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237	Network Type	1	Unsigned	0	1	-	-	0 - 3G 1 - GSM 2 - 4G 3 - LTE CAT M1 4 - LTE CAT NB1 99 - Unknown	FM300 1 FMU12 5 FMU12 6 FMU13 0 FMC12 5 FMC13 0 FMC15 0 FMM1 25 FMM1 30 FMM1 50 FMC00 1 FMM0 01 FMC80 0 FMM8 00 FMC88 0 FMM8 80 FMM8 0A FMB11 0 FMB12 0	Permanent I/O elements
8	Authorized iButton	8	Unsigned	0	0xffffffff	-	-	If ID is shown in this I/O that means that attached iButton is in iButton List	FMB12 0 FMB12 2 FMB12 5 FMBXX X FMB11 0 FMB12 0 FMB12 2 FMB12 5 FMB12 5	Permanent I/O elements
4	Pulse Counter Din1	4	Unsigned	0	4294967295	-	-	Counts pulses, count is reset when records are saved	FMB12 5 FMC12 5 FMM1 25 FMB13 0 FMU13 0 FMC13 0 FMM1 30 FMBXX X FMB11 0 FMB12 0 FMB12 2	Permanent I/O elements
5	Pulse Counter Din2	4	Unsigned	0	4294967295	-	-	Counts pulses, count is reset when records are saved	FMB12 2 FMB13 0 FMU13 0 FMC13 0 FMM1 30	Permanent I/O elements

263	BT Status	1	Unsigned	0	4	-	-	<p>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</p>	<p>FMBXX X FMB00 1 FMC00 1 FMB01 0 FMB11 0 FMB12 0 FMB12 2 FMB12 5 FMU12 5 FMC12 5 FMM1 25 FMB13 0 FMU13 0 FMC13 0 FMM1 30 FMB14 0 FMB15 0 FMC15 0 FMM1 50 FMB90 0 FMB92 0 FMB96 2 FMB96 4 FM300 1 FMB20 2 FMB20 4 FMB20 6 FMT10 0 MTB10 0 FMC80 0 FMM8 00 FMM8 0A</p>	Permanent I/O elements
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										FMBXX X FMB00 1 FMB01 0 FMB11 0 FMB12 0 FMB12 2 FMB12 5 FMU12 5 FMC12 5 FMM1 25 FMB13 0 FMU13 0 FMC13 0 FMM1 30	
264	Barcode ID	Variable	ASCII	0	32	-	-	Barcode ID		FMB14 0 FMB15 0 FMC15 0 FMM1 50 FMB90 0 FMB92 0 FMB96 2 FMB96 4 FM300 1 FMB20 2 FMB20 4 FMB20 6 FMT10 0 MTB10 0 FMB12 5 FMB12 5 FMU12 5 FMC12 5 FMM1 25	Permanent I/O elements
269	Escort LLS Temperature #1	2	Signed	-128	127	-	°C	Fuel temperature		FMB12 5 FMU12 5 FMC12 5 FMM1 25	Permanent I/O elements
270	Escort LLS Fuel level #1	2	Unsigned	0	65535	-	-	Fuel Level		FMB12 5 FMU12 5 FMC12 5 FMM1 25	Permanent I/O elements
271	Escort LLS Battery Voltage #1	2	Unsigned	0	65535	0.01	V	Battery Voltage		FMB12 5 FMU12 5 FMC12 5 FMM1 25	Permanent I/O elements

272	Escort LLS Temperature #2	2	Signed	-128	127	-	°C	Fuel temperature	FMB12 5 FMB12 5 FMU12 5 FMC12 5 FMM1 25 FMB12 5 FMB12 5	Permanent I/O elements
273	Escort LLS Fuel level #2	2	Unsigned	0	65535	-	-	Fuel Level	FMU12 5 FMC12 5 FMM1 25 FMB12 5 FMB12 5	Permanent I/O elements
274	Escort LLS Battery Voltage #2	2	Unsigned	0	65535	0.01	V	Battery Voltage	FMU12 5 FMC12 5 FMM1 25 FMB12 5 FMB12 5	Permanent I/O elements
275	Escort LLS Temperature #3	2	Signed	-128	127	-	°C	Fuel temperature	FMU12 5 FMC12 5 FMM1 25 FMB12 5 FMB12 5	Permanent I/O elements
276	Escort LLS Fuel level #3	2	Unsigned	0	65535	-	-	Fuel Level	FMU12 5 FMC12 5 FMM1 25 FMB12 5 FMB12 5	Permanent I/O elements
277	Escort LLS Battery Voltage #3	2	Unsigned	0	65535	0.01	V	Battery Voltage	FMU12 5 FMC12 5 FMM1 25 FMB12 5 FMB12 5	Permanent I/O elements
278	Escort LLS Temperature #4	2	Signed	-128	127	-	°C	Fuel temperature	FMU12 5 FMC12 5 FMM1 25 FMB12 5 FMB12 5	Permanent I/O elements
279	Escort LLS Fuel level #4	2	Unsigned	0	65535	-	-	Fuel Level	FMU12 5 FMC12 5 FMM1 25	Permanent I/O elements

280	Escort LLS Battery Voltage #4	2	Unsigned	0	65535	0.01	V	Battery Voltage	FMB125 FMB125 FMU125 FMC125 FMM125 FMBXX X FMB001 FMC001 FMB010 FMB110 FMB120 FMB122 FMB125 FMU125 FMC125 FMM125 FMB130 FMU130 FMC130	Permanent I/O elements
303	Instant Movement	1	Unsigned	0	1	-	-	Logic: 0/1 returns movement value	FMM130 FMB140 FMB150 FMC150 FMM150 FMB900 FMB920 FMB962 FMB964 FM3001 FMB202 FMB204 FMB206 FMT100 MTB100 FMB125 FMB125	Permanent I/O elements
327	UL202-02 Sensor Fuel level	2	Signed	-150	32767	0.1	mm	UL202-02 Sensor Fuel level	FMU125 FMC125 FMM125	Permanent I/O elements

483	UL202-02 Sensor Status	1	Unsigned	0	255	-	-	UL202-02 sensor status codes	FMB125 FMB125 FMC125 FMM125 FMBXX X FMB130 FMU130	Permanent I/O elements
380	Digital output 3	1	Unsigned	0	1	-	-	Logic: 0/1	FMC130 FMB130 FMM130 FMB130 FMU130	Permanent I/O elements
381	Ground Sense	1	Unsigned	0	1	-	-	Logic: 0/1	FMC130 FMM130 FMB140	Permanent I/O elements

387	ISO6709 Coordinates	34	HEX	0	0x7fffff fffffff	-	-	ISO6709 Coordinates Latitude, Longitude (in Degrees, Minutes and Seconds) and Altitude: IO value format: ±DDMMSS.SSSS±DDMMSS.SSSS±AAA.AAA/	FMBXX X FMB00 1 FMC00 1 FMB01 0 FMB00 2 FMB02 0 FMB00 3 FMB11 0 FMB12 0 FMB12 2 FMB12 5 FMU12 5 FMC12 5 FMB13 0 FMU13 0 FMC13 0 FMB14 0 FMB15 0 FMC15 0 FMM1 50 FMB90 0 FMB92 0 FMB91 0 FMB96 2 FMB96 4 FM300 1 FMB20 2 FMB20 4 FMB20 6 FMT10 0 MTB10 0 FMP10 0 FMB14 0 MSP50 0 FMC80 0 FMM8 00 FMM8 0A	Permanent I/O elements
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Event ID	Event Name	Variable	Unit	Min	Max	Min	Max	Description	Event ID	Event Name
257	Crash trace data	Variable	HEX	0	1200	-	-	Crash trace data	FMXXXX [Expanded]	Event ID elements
285	Blood alcohol content	2	Unassigned	0	9999	-	-	Alcohol content in blood in percents and mode. First 14 bits from MSB are percents multiplied by 1000 and last to bits are 0 - Passive test, 1 - Active test, 2 and 3 are reserved.	FMXXXX [Expanded]	Event ID elements
251	Idling	1	Unassigned	0	1	-	-	0 - moving 1 - idling	FMXXXX [Expanded]	Event ID elements
253	Green driving type	1	Unassigned	1	3	-	-	1 - harsh acceleration 2 - harsh braking 3 - harsh cornering	FMXXXX [Expanded]	Event ID elements
246	Towing	1	Unassigned	0	1	-	-	0 - steady 1 - towing	FMXXXX [Expanded]	Event ID elements
252	Unlpyg	1	Unassigned	0	1	-	-	0 - battery present 1 - battery unplugged	FMXXXX [Expanded]	Event ID elements
247	Crash detection	1	Unassigned	1	6	-	-	1 - real crash detected (device is calibrated) 2 - limited crash trace (device not calibrated) 3 - limited crash trace (device is calibrated) 4 - full crash trace (device not calibrated) 5 - full crash trace (device is calibrated) 6 - real crash detected (device not calibrated) 7 - fake crash detected (device calibrated, perhaps) 8 - fake crash detected (device calibrated, speed check)	FMXXXX [Expanded]	Event ID elements
248	Immobilizer	1	Unassigned	0	2	-	-	0 - illyon not connected 1 - illyon connected (Immobilizer) 2 - illyon connected (Authorized Driving)	FMXXXX [Expanded]	Event ID elements
254	Green Driving Value	1	Unassigned	0	255	acc and braking: 0.01	G or rad	Depending on green driving type: if harsh acceleration or braking - g*100 (value 123 > 1.23g). If Green driving source is "GPS" - harsh cornering value in rad*100. If source is "Accelerometer" - g*100.	FMXXXX [Expanded]	Event ID elements
249	Jamming	1	Unassigned	0	1	-	-	0 - jamming stop 1 - jamming start	FMXXXX [Expanded]	Event ID elements

385 Beacon Variable HEX 0 1024 - - List of Beacon IDs

FMBX
XX
[FMB0](#)
[01](#)
[FMC0](#)
[01](#)
[FMB0](#)
[10](#)
[FMB0](#)
[02](#)
[FMB0](#)
[20](#)
[FMB0](#)
[03](#)
[FMB1](#)
[10](#)
[FMB1](#)
[20](#)
[FMB1](#)
[22](#)
[FMB1](#)
[25](#)
[FMU1](#)
[25](#)
[FMC1](#)
[25](#)
[FMB1](#)
[30](#)
[FMU1](#)
[30](#)
[FMC1](#)
[30](#)
[FMB1](#)
[40](#)
[FMB1](#)
[50](#) Permanent
[FMC1](#) I/O elements
[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](#)

25	BLE Temperature #1	2	Signe d	-4000 12500 0.01*	°C	Degrees (°C), -40 - +125; Error codes: 4000 - abnormal sensor state 3000 - sensor not found 2000 - failed sensor data parsing	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	Degrees (°C), -40 - +125; Error codes: 4000 - abnormal sensor state 3000 - sensor not found 2000 - failed sensor data parsing	FMBX XX FMB0 01 FMC0 01 FMB0 10 FMB0 02 FMB0 20 FMB0 03 FMB1 10 FMB1 20 FMB1 22 FMB1 25 FMU1 25 FMC1 25 FMB1 30 FMU1 30 FMC1 30 FMB1 40 FMB1 50 FMC1 50 FMM 150 FMB9 00 FMB9 20 FMB9 10 FMB9 62 FMB9 64 FM30 01 FMB2 02 FMB2 04 FMB2 06 FMT1 00 MTB1 00 FMP1 00 FMB1 40 MSP5 00 FMC8 00 FMM 800 FMM 80A	Bluetooth Low Energy
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27	BLE Temperature #3	2	Signe d	-4000 12500 0.01*	°C	Degrees (°C), -40 - +125; Error codes: 4000 - abnormal sensor state 3000 - sensor not found 2000 - failed sensor data parsing	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	Degrees (°C), -40 - +125; Error codes: 4000 - abnormal sensor state 3000 - sensor not found 2000 - failed sensor data parsing	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	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](#) 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

276	BLE Fuel Level #3	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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307	BLE Fuel Frequency #2	4	Unsigned	0	2147483647	-	-	Frequency value of BLE fuel 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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308	BLE Fuel Frequency #3	4	Unsigned	0	2147483647	-	-	Frequency value of BLE fuel sensor #3	FMBX XX FMB0 01 FMC0 01 FMB0 10 FMB0 02 FMB0 20 FMB0 03 FMB1 10 FMB1 20 FMB1 22 FMB1 25 FMU1 25 FMC1 25 FMB1 30 FMU1 30 FMC1 30 FMB1 40 FMB1 50 FMC1 50 FMM 150 FMB9 00 FMB9 20 FMB9 10 FMB9 62 FMB9 64 FM30 01 FMB2 02 FMB2 04 FMB2 06 FMT1 00 MTB1 00 FMP1 00 FMB1 40 MSP5 00 FMC8 00 FMM 800 FMM 80A	Bluetooth Low Energy
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									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	
309	BLE Fuel Frequency #4	4	Unsigned	0	2147483647	-	-	Frequency value of BLE fuel sensor #4	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	

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
[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

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

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

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

463	BLE 1 Custom #2	4	UNSI GNED LONG INT	0	21474 83647	-	-	Custom IO element for BLE sensor	FMBX XX FMB0 01 FMC0 01 FMB0 10 FMB0 02 FMB0 20 FMB0 03 FMB1 10 FMB1 20 FMB1 22 FMB1 25 FMU1 25 FMC1 25 FMB1 30 FMU1 30 FMC1 30 FMB1 40 FMB1 50 FMC1 50 FMM 150 FMB9 00 FMB9 20 FMB9 10 FMB9 62 FMB9 64 FM30 01 FMB2 02 FMB2 04 FMB2 06 FMT1 00 MTB1 00 FMP1 00 FMB1 40 MSP5 00 FMC8 00 FMM 800 FMM 80A	Bluetooth Low Energy
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464	BLE 1 Custom #3	8	UNSI GNED LONG INT	0	42949 67295	-	-	Custom IO element for BLE sensor	FMBX XX FMB0 01 FMC0 01 FMB0 10 FMB0 02 FMB0 20 FMB0 03 FMB1 10 FMB1 20 FMB1 22 FMB1 25 FMU1 25 FMC1 25 FMB1 30 FMU1 30 FMC1 30 FMB1 40 FMB1 50 FMC1 50 FMM 150 FMB9 00 FMB9 20 FMB9 10 FMB9 62 FMB9 64 FM30 01 FMB2 02 FMB2 04 FMB2 06 FMT1 00 MTB1 00 FMP1 00 FMB1 40 MSP5 00 FMC8 00 FMM 800 FMM 80A	Bluetooth Low Energy
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465	BLE 1 Custom #4	8	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	
332	BLE 2 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	

467	BLE 2 Custom #2	8	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	8	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	8	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	8	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	
333	BLE 3 Custom #1	Variable	HEX	0	-	-	-	Custom IO element for BLE sensor		Bluetooth Low Energy	

471	BLE 3 Custom #2	8	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	8	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	8	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	
474	BLE 3 Custom #5	8	UNSI GNED LONG INT	0	42949 67295	-	-	Custom IO element for 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 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	
334	BLE 4 Custom #1	Variable	HEX	0	-	-	-	Custom IO element for BLE sensor		Bluetooth Low Energy	

475	BLE 4 Custom #2	8	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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