

# FMM250 Teltonika Data Sending Parameters ID

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Document updated according to firmware FMB.Ver.03.28.07.Rev.152 and newer.

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

□

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## Permanent I/O elements

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





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





199 Trip Odometer 4 Unsigned 0 21474 83647 - m Trip Odometer 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

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](#)

1 Digital Input 1 1 Unsigned 0 1 - - Logic: 0/1

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  
FMB20  
2  
FMB20  
4  
FMB20  
6  
MTB10  
0

Permanent I/O elements

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  
FMB12  
5  
FMC12  
5  
FMM1  
25  
FMB13  
0  
FMB13 Permanent I/O  
0 elements  
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	<a href="#">FMBXX</a> <a href="#">X</a> <a href="#">FMB11</a> <a href="#">0</a> <a href="#">FMB12</a> <a href="#">0</a> <a href="#">FMB12</a> <a href="#">2</a> <a href="#">FMB12</a> <a href="#">5</a> <a href="#">FMU12</a> <a href="#">5</a> <a href="#">FMC12</a> <a href="#">5</a> <a href="#">FMM1</a> <a href="#">25</a> <a href="#">FMB13</a> <a href="#">0</a> <a href="#">FMU13</a> <a href="#">0</a> <a href="#">FMC13</a> <a href="#">0</a> <a href="#">FMM1</a> <a href="#">30</a> <a href="#">FMB14</a> <a href="#">0</a> <a href="#">FMB15</a> <a href="#">0</a> <a href="#">FMC15</a> <a href="#">0</a> <a href="#">FMM1</a> <a href="#">50</a> <a href="#">FMB90</a> <a href="#">0</a> <a href="#">FMB92</a> <a href="#">0</a> <a href="#">FMB96</a> <a href="#">2</a> <a href="#">FMB96</a> <a href="#">4</a> <a href="#">FMB20</a> <a href="#">2</a> <a href="#">FMB20</a> <a href="#">4</a> <a href="#">FMB20</a> <a href="#">6</a> <a href="#">MTB10</a> <a href="#">0</a>	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  
30  
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

Permanent I/O  
elements



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	<a href="#">FMBXX</a> <a href="#">X</a> <a href="#">FMB11</a> <a href="#">0</a> <a href="#">FMB12</a> <a href="#">0</a> <a href="#">FMB12</a> <a href="#">2</a> <a href="#">FMB13</a> <a href="#">0</a> <a href="#">FMU13</a> <a href="#">0</a> <a href="#">FMC13</a> <a href="#">0</a> <a href="#">FMM1</a> <a href="#">30</a> <a href="#">FMB14</a> <a href="#">0</a> <a href="#">FMBXX</a> <a href="#">X</a> <a href="#">FMB11</a> <a href="#">0</a> <a href="#">FMB12</a> <a href="#">0</a> <a href="#">FMB12</a> <a href="#">2</a> <a href="#">FMB13</a> <a href="#">0</a> <a href="#">FMU13</a> <a href="#">0</a> <a href="#">FMC13</a> <a href="#">0</a> <a href="#">FMM1</a> <a href="#">30</a> <a href="#">FMB14</a> <a href="#">0</a>	Permanent I/O elements
180	Digital Output 2	1	Unsigned	0	1	-	-	Logic 0/1	<a href="#">FMM1</a> <a href="#">30</a> <a href="#">FMB14</a> <a href="#">0</a> <a href="#">FMB15</a> <a href="#">0</a> <a href="#">FMC15</a> <a href="#">0</a> <a href="#">FMM1</a> <a href="#">50</a> <a href="#">FMB20</a> <a href="#">2</a> <a href="#">FMB20</a> <a href="#">4</a> <a href="#">FMB20</a> <a href="#">6</a> <a href="#">FMBXX</a> <a href="#">X</a> <a href="#">FMB11</a> <a href="#">0</a> <a href="#">FMB12</a> <a href="#">0</a> <a href="#">FMB12</a> <a href="#">2</a> <a href="#">FMB12</a> <a href="#">5</a> <a href="#">FMU12</a> <a href="#">5</a> <a href="#">FMC12</a> <a href="#">5</a> <a href="#">FMM1</a> <a href="#">25</a> <a href="#">FMB13</a> <a href="#">0</a> <a href="#">FMB14</a> <a href="#">0</a> <a href="#">FMB15</a> <a href="#">0</a> <a href="#">FMC15</a> <a href="#">0</a> <a href="#">FMM1</a> <a href="#">50</a> <a href="#">FMU13</a> <a href="#">0</a> <a href="#">FMC13</a> <a href="#">0</a> <a href="#">FMM1</a> <a href="#">30</a> <a href="#">FMB20</a> <a href="#">2</a> <a href="#">FMB20</a> <a href="#">4</a> <a href="#">FMB20</a> <a href="#">6</a>	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	<a href="#">FMB13</a> <a href="#">0</a> <a href="#">FMB14</a> <a href="#">0</a> <a href="#">FMB15</a> <a href="#">0</a> <a href="#">FMC15</a> <a href="#">0</a> <a href="#">FMM1</a> <a href="#">50</a> <a href="#">FMU13</a> <a href="#">0</a> <a href="#">FMC13</a> <a href="#">0</a> <a href="#">FMM1</a> <a href="#">30</a> <a href="#">FMB20</a> <a href="#">2</a> <a href="#">FMB20</a> <a href="#">4</a> <a href="#">FMB20</a> <a href="#">6</a>	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	<a href="#">FMBXX</a> <a href="#">X</a> <a href="#">FMB11</a> <a href="#">0</a> <a href="#">FMB12</a> <a href="#">0</a> <a href="#">FMB12</a> <a href="#">2</a> <a href="#">FMB12</a> <a href="#">5</a> <a href="#">FMU12</a> <a href="#">5</a> <a href="#">FMC12</a> <a href="#">5</a> <a href="#">FMM1</a> <a href="#">25</a> <a href="#">FMB13</a> <a href="#">0</a> <a href="#">FMB14</a> <a href="#">0</a> <a href="#">FMB15</a> <a href="#">0</a> <a href="#">FMC15</a> <a href="#">0</a> <a href="#">FMM1</a> <a href="#">50</a> <a href="#">FMU13</a> <a href="#">0</a> <a href="#">FMC13</a> <a href="#">0</a> <a href="#">FMM1</a> <a href="#">30</a> <a href="#">FMB20</a> <a href="#">2</a> <a href="#">FMB20</a> <a href="#">4</a> <a href="#">FMB20</a> <a href="#">6</a> <a href="#">FMBXX</a> <a href="#">X</a> <a href="#">FMB11</a> <a href="#">0</a> <a href="#">FMB12</a> <a href="#">0</a> <a href="#">FMB12</a> <a href="#">2</a> <a href="#">FMB12</a> <a href="#">5</a> <a href="#">FMU12</a> <a href="#">5</a> <a href="#">FMC12</a> <a href="#">5</a> <a href="#">FMM1</a> <a href="#">25</a> <a href="#">FMB13</a> <a href="#">0</a> <a href="#">FMB14</a> <a href="#">0</a> <a href="#">FMB15</a> <a href="#">0</a> <a href="#">FMC15</a> <a href="#">0</a> <a href="#">FMM1</a> <a href="#">50</a> <a href="#">FMU13</a> <a href="#">0</a> <a href="#">FMC13</a> <a href="#">0</a> <a href="#">FMM1</a> <a href="#">30</a> <a href="#">FMB20</a> <a href="#">2</a> <a href="#">FMB20</a> <a href="#">4</a> <a href="#">FMB20</a> <a href="#">6</a>	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	<a href="#">FMBXX</a> <a href="#">X</a> <a href="#">FMB11</a> <a href="#">0</a> <a href="#">FMB12</a> <a href="#">0</a> <a href="#">FMB12</a> <a href="#">2</a> <a href="#">FMB12</a> <a href="#">5</a> <a href="#">FMU12</a> <a href="#">5</a> <a href="#">FMC12</a> <a href="#">5</a> <a href="#">FMM1</a> <a href="#">25</a> <a href="#">FMB13</a> <a href="#">0</a> <a href="#">FMB14</a> <a href="#">0</a> <a href="#">FMB15</a> <a href="#">0</a> <a href="#">FMC15</a> <a href="#">0</a> <a href="#">FMM1</a> <a href="#">50</a> <a href="#">FMU13</a> <a href="#">0</a> <a href="#">FMC13</a> <a href="#">0</a> <a href="#">FMM1</a> <a href="#">30</a> <a href="#">FMB20</a> <a href="#">2</a> <a href="#">FMB20</a> <a href="#">4</a> <a href="#">FMB20</a> <a href="#">6</a>	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	<a href="#">FMBXX</a> <a href="#">X</a> <a href="#">FMB11</a> <a href="#">0</a> <a href="#">FMB12</a> <a href="#">0</a> <a href="#">FMB12</a> <a href="#">2</a> <a href="#">FMB12</a> <a href="#">5</a> <a href="#">FMB12</a> <a href="#">5</a> <a href="#">FMC12</a> <a href="#">5</a> <a href="#">FMM1</a> <a href="#">25</a> <a href="#">FMB13</a> <a href="#">0</a> <a href="#">FMB14</a> <a href="#">0</a> <a href="#">FMB15</a> <a href="#">0</a> <a href="#">FMC15</a> <a href="#">0</a> <a href="#">FMM1</a> <a href="#">50</a> <a href="#">FMU13</a> <a href="#">0</a> <a href="#">FMC13</a> <a href="#">0</a> <a href="#">FMM1</a> <a href="#">30</a> <a href="#">FMB20</a> <a href="#">2</a> <a href="#">FMB20</a> <a href="#">4</a> <a href="#">FMB20</a> <a href="#">6</a> <a href="#">FMBXX</a> <a href="#">X</a> <a href="#">FMB11</a> <a href="#">0</a> <a href="#">FMB12</a> <a href="#">0</a> <a href="#">FMB12</a> <a href="#">2</a> <a href="#">FMB12</a> <a href="#">5</a> <a href="#">FMU12</a> <a href="#">5</a> <a href="#">FMC12</a> <a href="#">5</a> <a href="#">FMM1</a> <a href="#">25</a> <a href="#">FMB13</a> <a href="#">0</a> <a href="#">FMB14</a> <a href="#">0</a> <a href="#">FMB15</a> <a href="#">0</a> <a href="#">FMC15</a> <a href="#">0</a> <a href="#">FMM1</a> <a href="#">50</a> <a href="#">FMU13</a> <a href="#">0</a> <a href="#">FMC13</a> <a href="#">0</a> <a href="#">FMM1</a> <a href="#">30</a> <a href="#">FMB20</a> <a href="#">2</a> <a href="#">FMB20</a> <a href="#">4</a> <a href="#">FMB20</a> <a href="#">6</a>	Permanent I/O elements
76	Dallas Temperature ID	1	8	Unsigned	0	0xffffffff	-	-	Dallas sensor ID	<a href="#">FMBXX</a> <a href="#">X</a> <a href="#">FMB11</a> <a href="#">0</a> <a href="#">FMB12</a> <a href="#">0</a> <a href="#">FMB12</a> <a href="#">2</a> <a href="#">FMB12</a> <a href="#">5</a> <a href="#">FMU12</a> <a href="#">5</a> <a href="#">FMC12</a> <a href="#">5</a> <a href="#">FMM1</a> <a href="#">25</a> <a href="#">FMB13</a> <a href="#">0</a> <a href="#">FMB14</a> <a href="#">0</a> <a href="#">FMB15</a> <a href="#">0</a> <a href="#">FMC15</a> <a href="#">0</a> <a href="#">FMM1</a> <a href="#">50</a> <a href="#">FMU13</a> <a href="#">0</a> <a href="#">FMC13</a> <a href="#">0</a> <a href="#">FMM1</a> <a href="#">30</a> <a href="#">FMB20</a> <a href="#">2</a> <a href="#">FMB20</a> <a href="#">4</a> <a href="#">FMB20</a> <a href="#">6</a>	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	<a href="#">FMB12</a> <a href="#">5</a> <a href="#">FMB12</a> <a href="#">5</a> <a href="#">FMU12</a> <a href="#">5</a> <a href="#">FMC12</a> <a href="#">5</a> <a href="#">FMM1</a> <a href="#">25</a> <a href="#">FMB12</a> <a href="#">5</a> <a href="#">FMB12</a> <a href="#">5</a> <a href="#">FMU12</a>	Permanent I/O elements
202	LLS 1 Temperature	1	Signed	-128	127	-	°C	Fuel temperature measured by LLS via RS232/RS485	<a href="#">FMB12</a> <a href="#">5</a> <a href="#">FMB12</a> <a href="#">5</a> <a href="#">FMU12</a> <a href="#">5</a> <a href="#">FMC12</a> <a href="#">5</a> <a href="#">FMM1</a> <a href="#">25</a> <a href="#">FMB12</a> <a href="#">5</a> <a href="#">FMB12</a> <a href="#">5</a> <a href="#">FMU12</a>	Permanent I/O elements
203	LLS 2 Fuel Level	2	Signed	-4	32767	-	kvants or ltr	Fuel level measured by LLS sensor via RS485	<a href="#">FMB12</a> <a href="#">5</a> <a href="#">FMB12</a> <a href="#">5</a> <a href="#">FMU12</a> <a href="#">5</a> <a href="#">FMC12</a> <a href="#">5</a> <a href="#">FMM1</a> <a href="#">25</a> <a href="#">FMB12</a> <a href="#">5</a> <a href="#">FMB12</a> <a href="#">5</a> <a href="#">FMU12</a>	Permanent I/O elements
204	LLS 2 Temperature	1	Signed	-128	127	-	°C	Fuel temperature measured by LLS via RS485	<a href="#">FMB12</a> <a href="#">5</a> <a href="#">FMB12</a> <a href="#">5</a> <a href="#">FMU12</a> <a href="#">5</a> <a href="#">FMC12</a> <a href="#">5</a> <a href="#">FMM1</a> <a href="#">25</a> <a href="#">FMB12</a> <a href="#">5</a> <a href="#">FMB12</a> <a href="#">5</a> <a href="#">FMU12</a>	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	<a href="#">FMB12</a> <a href="#">5</a> <a href="#">FMB12</a> <a href="#">5</a> <a href="#">FMU12</a> <a href="#">5</a> <a href="#">FMC12</a> <a href="#">5</a> <a href="#">FMM1</a> <a href="#">25</a> <a href="#">FMB12</a> <a href="#">5</a> <a href="#">FMB12</a> <a href="#">5</a> <a href="#">FMU12</a>	Permanent I/O elements
211	LLS 3 Temperature	1	Signed	-128	127	-	°C	Fuel temperature measured by LLS via RS485	<a href="#">FMB12</a> <a href="#">5</a> <a href="#">FMB12</a> <a href="#">5</a> <a href="#">FMU12</a> <a href="#">5</a> <a href="#">FMC12</a> <a href="#">5</a> <a href="#">FMM1</a> <a href="#">25</a> <a href="#">FMB12</a> <a href="#">5</a> <a href="#">FMB12</a> <a href="#">5</a> <a href="#">FMU12</a>	Permanent I/O elements
212	LLS 4 Fuel Level	2	Signed	-4	32767	-	kvants or ltr	Fuel level measured by LLS sensor via RS485	<a href="#">FMB12</a> <a href="#">5</a> <a href="#">FMB12</a> <a href="#">5</a> <a href="#">FMU12</a> <a href="#">5</a> <a href="#">FMC12</a> <a href="#">5</a> <a href="#">FMM1</a> <a href="#">25</a> <a href="#">FMB12</a> <a href="#">5</a> <a href="#">FMB12</a> <a href="#">5</a> <a href="#">FMU12</a>	Permanent I/O elements
213	LLS 4 Temperature	1	Signed	-128	127	-	°C	Fuel temperature measured by LLS via RS485	<a href="#">FMB12</a> <a href="#">5</a> <a href="#">FMB12</a> <a href="#">5</a> <a href="#">FMU12</a> <a href="#">5</a> <a href="#">FMC12</a> <a href="#">5</a> <a href="#">FMM1</a> <a href="#">25</a>	Permanent I/O elements

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

113	Battery Level	1	Unsigned	0	100	-	%	Battery capacity level	<a href="#">FMBXX</a> <a href="#">X</a> <a href="#">FMB00</a> <a href="#">1</a> <a href="#">FMC00</a> <a href="#">1</a> <a href="#">FMB01</a> <a href="#">0</a> <a href="#">FMB12</a> <a href="#">0</a> <a href="#">FMB12</a> <a href="#">2</a> <a href="#">FMB12</a> <a href="#">5</a> <a href="#">FMB13</a> <a href="#">0</a> <a href="#">FMB14</a> <a href="#">0</a> <a href="#">FMB15</a> <a href="#">0</a> <a href="#">FMC15</a> <a href="#">0</a> <a href="#">FMM1</a> <a href="#">50</a> <a href="#">FMB92</a> <a href="#">0</a> <a href="#">FMB96</a> <a href="#">2</a> <a href="#">FMB96</a> <a href="#">4</a> <a href="#">FM300</a> <a href="#">1</a> <a href="#">FMB20</a> <a href="#">2</a> <a href="#">FMB20</a> <a href="#">4</a> <a href="#">FMB20</a> <a href="#">6</a> <a href="#">FMT10</a> <a href="#">0</a> <a href="#">MTB10</a> <a href="#">0</a> <a href="#">FMC80</a> <a href="#">0</a> <a href="#">FMM8</a> <a href="#">00</a> <a href="#">FMM8</a> <a href="#">0A</a>	Permanent I/O elements
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238	User ID	8	Unsigned	0	0xffffffff ffffffff	-	-	MAC address of NMEA receiver device connected via Bluetooth®	<a href="#">FMBXX</a> <a href="#">X</a> <a href="#">FMB00</a> <a href="#">1</a> <a href="#">FMC00</a> <a href="#">1</a> <a href="#">FMB01</a> <a href="#">0</a> <a href="#">FMB11</a> <a href="#">0</a> <a href="#">FMB12</a> <a href="#">0</a> <a href="#">FMB12</a> <a href="#">2</a> <a href="#">FMB12</a> <a href="#">5</a> <a href="#">FMB13</a> <a href="#">0</a> <a href="#">FMB14</a> <a href="#">0</a> <a href="#">FMB15</a> <a href="#">0</a> <a href="#">FMC15</a> <a href="#">0</a> <a href="#">FMM1</a> <a href="#">50</a> <a href="#">FMB90</a> <a href="#">0</a> <a href="#">FMB92</a> <a href="#">0</a> <a href="#">FMB20</a> <a href="#">2</a> <a href="#">FMB20</a> <a href="#">4</a> <a href="#">FMB20</a> <a href="#">6</a> <a href="#">FMT10</a> <a href="#">0</a> <a href="#">FMP10</a> <a href="#">0</a> <a href="#">FMC00</a> <a href="#">1</a> <a href="#">FMC12</a> <a href="#">5</a> <a href="#">FMC13</a> <a href="#">0</a> <a href="#">FMM0</a> <a href="#">01</a> <a href="#">FMM1</a> <a href="#">25</a> <a href="#">FMM1</a> <a href="#">30</a> <a href="#">FMC80</a> <a href="#">0</a> <a href="#">FMM8</a> <a href="#">00</a> <a href="#">FMM8</a> <a href="#">0A</a> <a href="#">FMC88</a> <a href="#">0</a> <a href="#">FMM8</a> <a href="#">80</a> <a href="#">FMC25</a> <a href="#">0</a>	Permanent I/O elements
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237	Network Type	1	Unsigned	0	1	-	-	<ul style="list-style-type: none"> <li>0 - 3G</li> <li>1 - GSM</li> <li>2 - 4G</li> <li>3 - LTE CAT M1</li> <li>4 - LTE CAT NB1</li> <li>99 - Unknown</li> </ul>	<ul style="list-style-type: none"> <li><a href="#">FM300</a></li> <li><a href="#">1</a></li> <li><a href="#">FMU12</a></li> <li><a href="#">5</a></li> <li><a href="#">FMU12</a></li> <li><a href="#">6</a></li> <li><a href="#">FMU13</a></li> <li><a href="#">0</a></li> <li><a href="#">FMC12</a></li> <li><a href="#">5</a></li> <li><a href="#">FMC13</a></li> <li><a href="#">0</a></li> <li><a href="#">FMC15</a></li> <li><a href="#">0</a></li> <li><a href="#">FMM1</a></li> <li><a href="#">25</a></li> <li><a href="#">FMM1</a></li> <li><a href="#">30</a></li> <li><a href="#">FMM1</a></li> <li><a href="#">50</a></li> <li><a href="#">FMC00</a></li> <li><a href="#">1</a></li> <li><a href="#">FMM0</a></li> <li><a href="#">01</a></li> <li><a href="#">FMC80</a></li> <li><a href="#">0</a></li> <li><a href="#">FMM8</a></li> <li><a href="#">00</a></li> <li><a href="#">FMC88</a></li> <li><a href="#">0</a></li> <li><a href="#">FMM8</a></li> <li><a href="#">80</a></li> <li><a href="#">FMM8</a></li> <li><a href="#">0A</a></li> <li><a href="#">FMBXX</a></li> <li><a href="#">X</a></li> <li><a href="#">FMB11</a></li> <li><a href="#">0</a></li> <li><a href="#">FMB12</a></li> <li><a href="#">0</a></li> <li><a href="#">FMB12</a></li> <li><a href="#">2</a></li> <li><a href="#">FMB12</a></li> <li><a href="#">5</a></li> <li><a href="#">FMU12</a></li> <li><a href="#">5</a></li> <li><a href="#">FMC12</a></li> <li><a href="#">5</a></li> <li><a href="#">FMM1</a></li> <li><a href="#">25</a></li> <li><a href="#">FMB13</a></li> <li><a href="#">0</a></li> <li><a href="#">FMB14</a></li> <li><a href="#">0</a></li> <li><a href="#">FMB15</a></li> <li><a href="#">0</a></li> <li><a href="#">FMC15</a></li> <li><a href="#">0</a></li> <li><a href="#">FMM1</a></li> <li><a href="#">50</a></li> <li><a href="#">FMU13</a></li> <li><a href="#">0</a></li> <li><a href="#">FMC13</a></li> <li><a href="#">0</a></li> <li><a href="#">FMM1</a></li> <li><a href="#">30</a></li> <li><a href="#">FMB20</a></li> <li><a href="#">2</a></li> <li><a href="#">FMB20</a></li> <li><a href="#">4</a></li> <li><a href="#">FMB20</a></li> <li><a href="#">6</a></li> </ul>	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	<ul style="list-style-type: none"> <li><a href="#">FMB14</a></li> <li><a href="#">0</a></li> <li><a href="#">FMB15</a></li> <li><a href="#">0</a></li> <li><a href="#">FMC15</a></li> <li><a href="#">0</a></li> <li><a href="#">FMM1</a></li> <li><a href="#">50</a></li> <li><a href="#">FMU13</a></li> <li><a href="#">0</a></li> <li><a href="#">FMC13</a></li> <li><a href="#">0</a></li> <li><a href="#">FMM1</a></li> <li><a href="#">30</a></li> <li><a href="#">FMB20</a></li> <li><a href="#">2</a></li> <li><a href="#">FMB20</a></li> <li><a href="#">4</a></li> <li><a href="#">FMB20</a></li> <li><a href="#">6</a></li> </ul>	Permanent I/O elements

4	Pulse Counter Din1	4	Unsigned	0	42949 67295	-	-	Counts pulses, count is reset when records are saved	<a href="#">FMBXX</a> <a href="#">X</a> <a href="#">FMB11</a> <a href="#">0</a> <a href="#">FMB12</a> <a href="#">0</a> <a href="#">FMB12</a> <a href="#">2</a> <a href="#">FMB12</a> <a href="#">5</a> <a href="#">FMB12</a> <a href="#">5</a> <a href="#">FMM1</a> <a href="#">25</a> <a href="#">FMB13</a> <a href="#">0</a> <a href="#">FMU13</a> <a href="#">0</a> <a href="#">FMC13</a> <a href="#">0</a> <a href="#">FMM1</a> <a href="#">30</a> <a href="#">FMBXX</a> <a href="#">X</a> <a href="#">FMB11</a> <a href="#">0</a> <a href="#">FMB12</a> <a href="#">0</a> <a href="#">FMB12</a> <a href="#">2</a> <a href="#">FMB13</a> <a href="#">0</a> <a href="#">FMU13</a> <a href="#">0</a> <a href="#">FMC13</a> <a href="#">0</a> <a href="#">FMM1</a> <a href="#">30</a>	Permanent I/O elements
5	Pulse Counter Din2	4	Unsigned	0	42949 67295	-	-	Counts pulses, count is reset when records are saved	<a href="#">FMBXX</a> <a href="#">X</a> <a href="#">FMB11</a> <a href="#">0</a> <a href="#">FMB12</a> <a href="#">0</a> <a href="#">FMB12</a> <a href="#">2</a> <a href="#">FMB13</a> <a href="#">0</a> <a href="#">FMU13</a> <a href="#">0</a> <a href="#">FMC13</a> <a href="#">0</a> <a href="#">FMM1</a> <a href="#">30</a>	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	Permanent I/O elements
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	<a href="#">FMB12</a> <a href="#">5</a> <a href="#">FMB12</a> <a href="#">5</a> <a href="#">FMU12</a> <a href="#">5</a> <a href="#">FMC12</a> <a href="#">5</a> <a href="#">FMM1</a> <a href="#">25</a> <a href="#">FMB12</a> <a href="#">5</a> <a href="#">FMB12</a> <a href="#">5</a>	Permanent I/O elements
273	Escort LLS Fuel level #2	2	Unsigned	0	65535	-	-	Fuel Level	<a href="#">FMU12</a> <a href="#">5</a> <a href="#">FMC12</a> <a href="#">5</a> <a href="#">FMM1</a> <a href="#">25</a> <a href="#">FMB12</a> <a href="#">5</a> <a href="#">FMB12</a> <a href="#">5</a>	Permanent I/O elements
274	Escort LLS Battery Voltage #2	2	Unsigned	0	65535	0.01	V	Battery Voltage	<a href="#">FMU12</a> <a href="#">5</a> <a href="#">FMC12</a> <a href="#">5</a> <a href="#">FMM1</a> <a href="#">25</a> <a href="#">FMB12</a> <a href="#">5</a> <a href="#">FMB12</a> <a href="#">5</a>	Permanent I/O elements
275	Escort LLS Temperature #3	2	Signed	-128	127	-	°C	Fuel temperature	<a href="#">FMU12</a> <a href="#">5</a> <a href="#">FMC12</a> <a href="#">5</a> <a href="#">FMM1</a> <a href="#">25</a> <a href="#">FMB12</a> <a href="#">5</a> <a href="#">FMB12</a> <a href="#">5</a>	Permanent I/O elements
276	Escort LLS Fuel level #3	2	Unsigned	0	65535	-	-	Fuel Level	<a href="#">FMU12</a> <a href="#">5</a> <a href="#">FMC12</a> <a href="#">5</a> <a href="#">FMM1</a> <a href="#">25</a> <a href="#">FMB12</a> <a href="#">5</a> <a href="#">FMB12</a> <a href="#">5</a>	Permanent I/O elements
277	Escort LLS Battery Voltage #3	2	Unsigned	0	65535	0.01	V	Battery Voltage	<a href="#">FMU12</a> <a href="#">5</a> <a href="#">FMC12</a> <a href="#">5</a> <a href="#">FMM1</a> <a href="#">25</a> <a href="#">FMB12</a> <a href="#">5</a> <a href="#">FMB12</a> <a href="#">5</a>	Permanent I/O elements
278	Escort LLS Temperature #4	2	Signed	-128	127	-	°C	Fuel temperature	<a href="#">FMU12</a> <a href="#">5</a> <a href="#">FMC12</a> <a href="#">5</a> <a href="#">FMM1</a> <a href="#">25</a> <a href="#">FMB12</a> <a href="#">5</a> <a href="#">FMB12</a> <a href="#">5</a>	Permanent I/O elements
279	Escort LLS Fuel level #4	2	Unsigned	0	65535	-	-	Fuel Level	<a href="#">FMU12</a> <a href="#">5</a> <a href="#">FMC12</a> <a href="#">5</a> <a href="#">FMM1</a> <a href="#">25</a>	Permanent I/O elements

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

483	UL202-02 Sensor Status	1	Unsigned	0	255	-	-	UL202-02 sensor status codes	<a href="#">FMB125</a> <a href="#">FMB125</a> <a href="#">FMC125</a> <a href="#">FMM125</a> FMBXX X <a href="#">FMB130</a> <a href="#">FMU130</a>	Permanent I/O elements
380	Digital output 3	1	Unsigned	0	1	-	-	Logic: 0/1	<a href="#">FMC130</a> <a href="#">FMC150</a> <a href="#">FMM130</a> <a href="#">FMB130</a> <a href="#">FMU130</a>	Permanent I/O elements
381	Ground Sense	1	Unsigned	0	1	-	-	Logic: 0/1	<a href="#">FMC130</a> <a href="#">FMM130</a> <a href="#">FMB140</a>	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/	<a href="#">FMBXX</a> <a href="#">X</a> <a href="#">FMB00</a> <a href="#">1</a> <a href="#">FMC00</a> <a href="#">1</a> <a href="#">FMB01</a> <a href="#">0</a> <a href="#">FMB00</a> <a href="#">2</a> <a href="#">FMB02</a> <a href="#">0</a> <a href="#">FMB00</a> <a href="#">3</a> <a href="#">FMB11</a> <a href="#">0</a> <a href="#">FMB12</a> <a href="#">0</a> <a href="#">FMB12</a> <a href="#">2</a> <a href="#">FMB12</a> <a href="#">5</a> <a href="#">FMU12</a> <a href="#">5</a> <a href="#">FMC12</a> <a href="#">5</a> <a href="#">FMB13</a> <a href="#">0</a> <a href="#">FMU13</a> <a href="#">0</a> <a href="#">FMC13</a> <a href="#">0</a> <a href="#">FMB14</a> <a href="#">0</a> <a href="#">FMB15</a> <a href="#">0</a> <a href="#">FMC15</a> <a href="#">0</a> <a href="#">FMM1</a> <a href="#">50</a> <a href="#">FMB90</a> <a href="#">0</a> <a href="#">FMB92</a> <a href="#">0</a> <a href="#">FMB91</a> <a href="#">0</a> <a href="#">FMB96</a> <a href="#">2</a> <a href="#">FMB96</a> <a href="#">4</a> <a href="#">FM300</a> <a href="#">1</a> <a href="#">FMB20</a> <a href="#">2</a> <a href="#">FMB20</a> <a href="#">4</a> <a href="#">FMB20</a> <a href="#">6</a> <a href="#">FMT10</a> <a href="#">0</a> <a href="#">MTB10</a> <a href="#">0</a> <a href="#">FMP10</a> <a href="#">0</a> <a href="#">FMB14</a> <a href="#">0</a> <a href="#">MSP50</a> <a href="#">0</a> <a href="#">FMC80</a> <a href="#">0</a> <a href="#">FMM8</a> <a href="#">00</a> <a href="#">FMM8</a> <a href="#">0A</a>	Permanent I/O elements
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											<a href="#">FMBXX</a> <a href="#">X</a> <a href="#">FMU12</a> <a href="#">5</a> <a href="#">FMU12</a> <a href="#">6</a> <a href="#">FMU13</a> <a href="#">0</a> <a href="#">FMC00</a> <a href="#">1</a> <a href="#">FMC12</a> <a href="#">5</a> <a href="#">FMC13</a> <a href="#">0</a> <a href="#">FMM0</a> <a href="#">01</a> <a href="#">FMM1</a> <a href="#">25</a> <a href="#">FMM1</a> <a href="#">30</a> <a href="#">FMC15</a> <a href="#">0</a> <a href="#">FMM1</a> <a href="#">50</a> <a href="#">FMC80</a> <a href="#">0</a> <a href="#">FMM8</a> <a href="#">00</a> <a href="#">FMM8</a> <a href="#">0A</a>		Permanent I/O elements	
636	UMTS/LTE Cell ID	4	Unsigned	0	0xFFFF FFFFF	-	-							
403	Driver Name	35	Unsigned	-	-	-	-	Driver name extracted from card, displayed without delimiters (\$ signs)				<a href="#">FMBXX</a> <a href="#">X</a> <a href="#">FMU12</a> <a href="#">6</a>		Permanent I/O elements
								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				<a href="#">FMBXX</a> <a href="#">X</a> <a href="#">FMU12</a> <a href="#">6</a>		Permanent I/O elements
404	Driver card license type	1	Unsigned	0	8	-	-							
405	Driver Gender	1	Unsigned	0	2	-	-	None - 0 Male - 1 Female - 2				<a href="#">FMBXX</a> <a href="#">X</a> <a href="#">FMU12</a> <a href="#">6</a>		Permanent I/O elements
406	Driver Card ID	4	Unsigned	0	42949 67295	-	-	None - 0 Male - 1 Female - 2				<a href="#">FMBXX</a> <a href="#">X</a> <a href="#">FMU12</a> <a href="#">6</a>		Permanent I/O elements
407	Driver card expiration date	1	Unsigned	0	9999	-	-					<a href="#">FMBXX</a> <a href="#">X</a> <a href="#">FMU12</a> <a href="#">6</a>		Permanent I/O elements
408	Driver Card place of issue	4	Unsigned	0	65535	-	-	Extracted from card				<a href="#">FMBXX</a> <a href="#">X</a> <a href="#">FMU12</a> <a href="#">6</a>		Permanent I/O Elements
409	Driver Status Event	1	Unsigned	0	2	-	-	Registered - 0 Deregistered - 1 Swapping - 2				<a href="#">FMBXX</a> <a href="#">X</a> <a href="#">FMU12</a> <a href="#">6</a>		Permanent I/O elements
329	AIN Speed	2	Unsigned	0	65535	-	-					<a href="#">MSP50</a> <a href="#">0</a>		Permanent I/O elements
500	MSP500 vendor name	40	ASCII	0	40	-	-	Name of the integrator who installed the device				<a href="#">MSP50</a> <a href="#">0</a>		Permanent I/O elements
501	MSP500 vehicle number	40	ASCII	0	40	-	-	Vehicle number on which the device is installed				<a href="#">MSP50</a> <a href="#">0</a>		Permanent I/O elements
502	MSP500 speed sensor	1	unsigned	0	1	-	-	Status of the speed sensor				<a href="#">MSP50</a> <a href="#">0</a>		Permanent I/O elements
637	Wake Reason	1	Unsigned	0	1	-	-	True if device was woken by RTC alarm				<a href="#">FMB96</a> <a href="#">5</a>		Permanent I/O elements

## Eventual I/O elements

Property ID in AVE packet	Property Name	Bytes	Type	Value range	Min	Max	Multiplier	Units	Description	HW Support	Parameter Group
155	Confidence zone 01	1	Unsigned	0 - 3	0	3	-	-	0 - target left zone 1 - target entered zone 2 - over spending end 3 - over spending start	FM8XX 136000	Eventual IO elements
										136001	
										136002	
										136003	
										136004	
										136005	
										136006	
										136007	
										136008	
										136009	
										136010	
										136011	
156	Confidence zone 02	1	Unsigned	0 - 3	0	3	-	-	0 - target left zone 1 - target entered zone 2 - over spending end 3 - over spending start	FM8XX 136012	Eventual IO elements
										136013	
										136014	
										136015	
										136016	
										136017	
										136018	
										136019	
										136020	
										136021	
										136022	
										136023	
157	Confidence zone 03	1	Unsigned	0 - 3	0	3	-	-	0 - target left zone 1 - target entered zone 2 - over spending end 3 - over spending start	FM8XX 136024	Eventual IO elements
										136025	
										136026	
										136027	
										136028	
										136029	
										136030	
										136031	
										136032	
										136033	
										136034	
										136035	
158	Confidence zone 04	1	Unsigned	0 - 3	0	3	-	-	0 - target left zone 1 - target entered zone 2 - over spending end 3 - over spending start	FM8XX 136036	Eventual IO elements
										136037	
										136038	
										136039	
										136040	
										136041	
										136042	
										136043	
										136044	
										136045	
										136046	
										136047	
159	Confidence zone 05	1	Unsigned	0 - 3	0	3	-	-	0 - target left zone 1 - target entered zone 2 - over spending end 3 - over spending start	FM8XX 136048	Eventual IO elements
										136049	
										136050	
										136051	
										136052	
										136053	
										136054	
										136055	
										136056	
										136057	
										136058	
										136059	
61	Confidence zone 06	1	Unsigned	0 - 3	0	3	-	-	0 - target left zone 1 - target entered zone 2 - over spending end 3 - over spending start	FM8XX 136060	Eventual IO elements
										136061	
										136062	
										136063	
										136064	
										136065	
										136066	
										136067	
										136068	
										136069	
										136070	
										136071	
62	Confidence zone 07	1	Unsigned	0 - 3	0	3	-	-	0 - target left zone 1 - target entered zone 2 - over spending end 3 - over spending start	FM8XX 136072	Eventual IO elements
										136073	
										136074	
										136075	
										136076	
										136077	
										136078	
										136079	
										136080	
										136081	
										136082	
										136083	
63	Confidence zone 08	1	Unsigned	0 - 3	0	3	-	-	0 - target left zone 1 - target entered zone 2 - over spending end 3 - over spending start	FM8XX 136084	Eventual IO elements
										136085	
										136086	
										136087	
										136088	
										136089	
										136090	
										136091	
										136092	
										136093	
										136094	
										136095	



FMXXXX 286000  
 286100  
 286200  
 286300  
 286400  
 286500  
 286600  
 286700  
 286800  
 286900  
 287000  
 287100  
 287200  
 287300  
 287400  
 287500  
 287600  
 287700  
 287800  
 287900  
 288000

64      Conference 09      1      Unassigned      0      3      -      -  
 0 - target left zone  
 1 - target entered zone  
 2 - cover opening end  
 3 - cover opening start

Eventual IO elements

FMXXXX 288000  
 288100  
 288200  
 288300  
 288400  
 288500  
 288600  
 288700  
 288800  
 288900  
 289000  
 289100  
 289200  
 289300  
 289400  
 289500  
 289600  
 289700  
 289800  
 289900  
 290000

65      Conference 10      1      Unassigned      0      3      -      -  
 0 - target left zone  
 1 - target entered zone  
 2 - cover opening end  
 3 - cover opening start

Eventual IO elements

FMXXXX 290000  
 290100  
 290200  
 290300  
 290400  
 290500  
 290600  
 290700  
 290800  
 290900  
 291000  
 291100  
 291200  
 291300  
 291400  
 291500  
 291600  
 291700  
 291800  
 291900  
 292000

70      Conference 11      1      Unassigned      0      3      -      -  
 0 - target left zone  
 1 - target entered zone  
 2 - cover opening end  
 3 - cover opening start

Eventual IO elements

FMXXXX 292000  
 292100  
 292200  
 292300  
 292400  
 292500  
 292600  
 292700  
 292800  
 292900  
 293000  
 293100  
 293200  
 293300  
 293400  
 293500  
 293600  
 293700  
 293800  
 293900  
 294000

88      Conference 12      1      Unassigned      0      3      -      -  
 0 - target left zone  
 1 - target entered zone  
 2 - cover opening end  
 3 - cover opening start

Eventual IO elements

FMXXXX 294000  
 294100  
 294200  
 294300  
 294400  
 294500  
 294600  
 294700  
 294800  
 294900  
 295000  
 295100  
 295200  
 295300  
 295400  
 295500  
 295600  
 295700  
 295800  
 295900  
 296000

91      Conference 13      1      Unassigned      0      3      -      -  
 0 - target left zone  
 1 - target entered zone  
 2 - cover opening end  
 3 - cover opening start

Eventual IO elements

FMXXXX 296000  
 296100  
 296200  
 296300  
 296400  
 296500  
 296600  
 296700  
 296800  
 296900  
 297000  
 297100  
 297200  
 297300  
 297400  
 297500  
 297600  
 297700  
 297800  
 297900  
 298000

92      Conference 14      1      Unassigned      0      3      -      -  
 0 - target left zone  
 1 - target entered zone  
 2 - cover opening end  
 3 - cover opening start

Eventual IO elements

FMXXXX 298000  
 298100  
 298200  
 298300  
 298400  
 298500  
 298600  
 298700  
 298800  
 298900  
 299000  
 299100  
 299200  
 299300  
 299400  
 299500  
 299600  
 299700  
 299800  
 299900  
 300000

93      Conference 15      1      Unassigned      0      3      -      -  
 0 - target left zone  
 1 - target entered zone  
 2 - cover opening end  
 3 - cover opening start

Eventual IO elements

FMXXXX 300000  
 300100  
 300200  
 300300  
 300400  
 300500  
 300600  
 300700  
 300800  
 300900  
 301000  
 301100  
 301200  
 301300  
 301400  
 301500  
 301600  
 301700  
 301800  
 301900  
 302000

94      Conference 16      1      Unassigned      0      3      -      -  
 0 - target left zone  
 1 - target entered zone  
 2 - cover opening end  
 3 - cover opening start

Eventual IO elements

FMXXXX 302000  
 302100  
 302200  
 302300  
 302400  
 302500  
 302600  
 302700  
 302800  
 302900  
 303000  
 303100  
 303200  
 303300  
 303400  
 303500  
 303600  
 303700  
 303800  
 303900  
 304000

95      Conference 17      1      Unassigned      0      3      -      -  
 0 - target left zone  
 1 - target entered zone  
 2 - cover opening end  
 3 - cover opening start

Eventual IO elements



193	Confidence zone 27	1	Unassigned	0	3			0 - target left zone 1 - target entered zone 2 - over spending end 3 - over spending start	FM5XXX 294000	Eventual IO elements
									294001	
									294002	
194	Confidence zone 28	1	Unassigned	0	3			0 - target left zone 1 - target entered zone 2 - over spending end 3 - over spending start	FM5XXX 294003	Eventual IO elements
									294004	
									294005	
195	Confidence zone 29	1	Unassigned	0	3			0 - target left zone 1 - target entered zone 2 - over spending end 3 - over spending start	FM5XXX 294006	Eventual IO elements
									294007	
									294008	
196	Confidence zone 30	1	Unassigned	0	3			0 - target left zone 1 - target entered zone 2 - over spending end 3 - over spending start	FM5XXX 294009	Eventual IO elements
									294010	
									294011	
197	Confidence zone 31	1	Unassigned	0	3			0 - target left zone 1 - target entered zone 2 - over spending end 3 - over spending start	FM5XXX 294012	Eventual IO elements
									294013	
									294014	
198	Confidence zone 32	1	Unassigned	0	3			0 - target left zone 1 - target entered zone 2 - over spending end 3 - over spending start	FM5XXX 294015	Eventual IO elements
									294016	
									294017	
208	Confidence zone 33	1	Unassigned	0	3			0 - target left zone 1 - target entered zone 2 - over spending end 3 - over spending start	FM5XXX 294018	Eventual IO elements
									294019	
									294020	
209	Confidence zone 34	1	Unassigned	0	3			0 - target left zone 1 - target entered zone 2 - over spending end 3 - over spending start	FM5XXX 294021	Eventual IO elements
									294022	
									294023	
216	Confidence zone 35	1	Unassigned	0	3			0 - target left zone 1 - target entered zone 2 - over spending end 3 - over spending start	FM5XXX 294024	Eventual IO elements
									294025	
									294026	





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



									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	
30	Number of DTC	1	ASCII	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





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

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

										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	
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	FMBXXX FMB001 FMC001 FMB010 FMB003 FMB110 FMB120 FMB122 FMB125 FMC125 FMC125 FMM125 FMB130 FMC130 FMC130 FMM130 FMB140 FMB150 FMC150 FMM150 FMB900 FMB920 FMB962 FMB964 FM3001 FMT100 MTB100 FMB202 FMB204 FMB206 FMT100 MTB100 FMB140 FMBXXX FMB001 FMC001 FMB010 FMB003 FMB110 FMB120 FMB122 FMB125 FMC125 FMC125 FMM125 FMB130 FMC130 FMC130 FMM130 FMB140 FMB150 FMC150 FMM150 FMB900 FMB920 FMB962 FMB964 FM3001 FMT100 MTB100 FMB202 FMB204 FMB206 FMT100 MTB100 FMB140 FMBXXX FMB001 FMC001 FMB010 FMB003 FMB110 FMB120 FMB122 FMB125 FMC125 FMC125 FMM125 FMB130 FMC130 FMC130 FMM130 FMB140 FMB150 FMC150 FMM150 FMB900 FMB920 FMB962 FMB964 FM3001 FMT100 MTB100 FMB202 FMB204 FMB206 FMT100 MTB100 FMB140	OBD elements
51	Control Module Voltage	2	Unsigned	0	65535	0.001	V	Control module voltage	FMBXXX FMB001 FMC001 FMB010 FMB003 FMB110 FMB120 FMB122 FMB125 FMC125 FMC125 FMM125 FMB130 FMC130 FMC130 FMM130 FMB140 FMB150 FMC150 FMM150 FMB900 FMB920 FMB962 FMB964 FM3001 FMT100 MTB100 FMB202 FMB204 FMB206 FMT100 MTB100 FMB140 FMBXXX FMB001 FMC001 FMB010 FMB003 FMB110 FMB120 FMB122 FMB125 FMC125 FMC125 FMM125 FMB130 FMC130 FMC130 FMM130 FMB140 FMB150 FMC150 FMM150 FMB900 FMB920 FMB962 FMB964 FM3001 FMT100 MTB100 FMB202 FMB204 FMB206 FMT100 MTB100 FMB140 FMBXXX FMB001 FMC001 FMB010 FMB003 FMB110 FMB120 FMB122 FMB125 FMC125 FMC125 FMM125 FMB130 FMC130 FMC130 FMM130 FMB140 FMB150 FMC150 FMM150 FMB900 FMB920 FMB962 FMB964 FM3001 FMT100 MTB100 FMB202 FMB204 FMB206 FMT100 MTB100 FMB140	OBD elements
52	Absolute Load Value	2	Unsigned	0	25700	-	%	Absolute 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 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
759	Fuel Type	1	Unsigned	0	255	-	-	0 Not available 1 Gasoline 2 Methanol 3 Ethanol 4 Diesel 5 LPG 6 CNG 7 Propane 8 Electric 9 Bifuel running Gasoline 10 Bifuel running Methanol 11 Bifuel running Ethanol 12 Bifuel running LPG 13 Bifuel running CNG 14 Bifuel running Propane 15 Bifuel running Electricity 16 Bifuel running electric and combustion engine 17 Hybrid gasoline 18 Hybrid Ethanol 19 Hybrid Diesel 20 Hybrid Electric 21 Hybrid running electric and combustion engine 22 Hybrid Regenerative 23 Bifuel running diesel	FMBXXX FMB001 FMC001 FMB010 FMB003 FMB110 FMB120 FMB122 FMB125 FMC125 FMC125 FMM125 FMB130 FMC130 FMC130 FMM130 FMB140 FMB150 FMC150 FMM150 FMB900 FMB920 FMB962 FMB964 FM3001 FMT100 MTB100 FMB202 FMB204 FMB206 FMT100 MTB100 FMB140 FMBXXX FMB001 FMC001 FMB010 FMB003 FMB110 FMB120 FMB122 FMB125 FMC125 FMC125 FMM125 FMB130 FMC130 FMC130 FMM130 FMB140 FMB150 FMC150 FMM150 FMB900 FMB920 FMB962 FMB964 FM3001 FMT100 MTB100 FMB202 FMB204 FMB206 FMT100 MTB100 FMB140	OBD elements

53	Ambient Air Temperature	1	Signed	-128	127	-	°C	Ambient air temperature	FMBXXX FMB001 FMC001 FMB010 FMB003 FMB110 FMB120 FMB122 FMB125 FMC125 FMM125 FMB130 FMC130 FMM130 FMB140 FMB150 FMC150 FMM150 FMB900 FMB920 FMB962 FMB964 FM3001 FMT100 MTB100 FMB202 FMB204 FMB206 FMT100 MTB100 FMB140 FMBXXX FMB001 FMC001 FMB010 FMB003 FMB110 FMB120 FMB122 FMB125 FMC125 FMM125 FMB130 FMC130 FMM130 FMB140 FMB150 FMC150 FMM150 FMB900 FMB920 FMB962 FMB964 FM3001 FMT100 MTB100 FMB202 FMB204 FMB206 FMT100 MTB100 FMB140 FMBXXX FMB001 FMC001 FMB010 FMB003 FMB110 FMB120 FMB122 FMB125 FMC125 FMM125 FMB130 FMC130 FMM130 FMB140 FMB150 FMC150 FMM150 FMB900 FMB920 FMB962 FMB964 FM3001 FMT100 MTB100 FMB202 FMB204 FMB206 FMT100 MTB100 FMB140 FMBXXX FMB001 FMC001 FMB010 FMB003 FMB110 FMB120 FMB122 FMB125 FMC125 FMM125 FMB130 FMC130 FMM130 FMB140 FMB150 FMC150 FMM150 FMB900 FMB920 FMB962 FMB964 FM3001 FMT100 MTB100 FMB202 FMB204 FMB206 FMT100 MTB100 FMB140	OBD elements
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 FMC125 FMM125 FMB130 FMC130 FMM130 FMB140 FMB150 FMC150 FMM150 FMB900 FMB920 FMB962 FMB964 FM3001 FMT100 MTB100 FMB202 FMB204 FMB206 FMT100 MTB100 FMB140 FMBXXX FMB001 FMC001 FMB010 FMB003 FMB110 FMB120 FMB122 FMB125 FMC125 FMM125 FMB130 FMC130 FMM130 FMB140 FMB150 FMC150 FMM150 FMB900 FMB920 FMB962 FMB964 FM3001 FMT100 MTB100 FMB202 FMB204 FMB206 FMT100 MTB100 FMB140 FMBXXX FMB001 FMC001 FMB010 FMB003 FMB110 FMB120 FMB122 FMB125 FMC125 FMM125 FMB130 FMC130 FMM130 FMB140 FMB150 FMC150 FMM150 FMB900 FMB920 FMB962 FMB964 FM3001 FMT100 MTB100 FMB202 FMB204 FMB206 FMT100 MTB100 FMB140	OBD elements
55	Time Since Codes Cleared	2	Unsigned	0	65535	-	min	Time since codes cleared	FMBXXX FMB001 FMC001 FMB010 FMB003 FMB110 FMB120 FMB122 FMB125 FMC125 FMM125 FMB130 FMC130 FMM130 FMB140 FMB150 FMC150 FMM150 FMB900 FMB920 FMB962 FMB964 FM3001 FMT100 MTB100 FMB202 FMB204 FMB206 FMT100 MTB100 FMB140 FMBXXX FMB001 FMC001 FMB010 FMB003 FMB110 FMB120 FMB122 FMB125 FMC125 FMM125 FMB130 FMC130 FMM130 FMB140 FMB150 FMC150 FMM150 FMB900 FMB920 FMB962 FMB964 FM3001 FMT100 MTB100 FMB202 FMB204 FMB206 FMT100 MTB100 FMB140 FMBXXX FMB001 FMC001 FMB010 FMB003 FMB110 FMB120 FMB122 FMB125 FMC125 FMM125 FMB130 FMC130 FMM130 FMB140 FMB150 FMC150 FMM150 FMB900 FMB920 FMB962 FMB964 FM3001 FMT100 MTB100 FMB202 FMB204 FMB206 FMT100 MTB100 FMB140	OBD elements
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 FMC125 FMM125 FMB130 FMC130 FMM130 FMB140 FMB150 FMC150 FMM150 FMB900 FMB920 FMB962 FMB964 FM3001 FMT100 MTB100 FMB202 FMB204 FMB206 FMT100 MTB100 FMB140 FMBXXX FMB001 FMC001 FMB010 FMB003 FMB110 FMB120 FMB122 FMB125 FMC125 FMM125 FMB130 FMC130 FMM130 FMB140 FMB150 FMC150 FMM150 FMB900 FMB920 FMB962 FMB964 FM3001 FMT100 MTB100 FMB202 FMB204 FMB206 FMT100 MTB100 FMB140	OBD elements

										<ul style="list-style-type: none"> <li>FMBXXX</li> <li>FMB001</li> <li>FMC001</li> <li>FMB010</li> <li>FMB003</li> <li>FMB110</li> <li>FMB120</li> <li>FMB122</li> <li>FMB125</li> <li>FMU125</li> <li>FMC125</li> <li>FMM125</li> <li>FMB130</li> <li>FMU130</li> <li>FMC130</li> <li>FMM130</li> <li>FMB140</li> <li>FMB150</li> <li>FMC150</li> <li>FMM150</li> <li>FMB900</li> <li>FMB920</li> <li>FMB962</li> <li>FMB964</li> <li>FM3001</li> <li>FMT100</li> <li>MTB100</li> <li>FMB202</li> <li>FMB204</li> <li>FMB206</li> <li>FMT100</li> <li>MTB100</li> <li>FMB140</li> <li>FMBXXX</li> <li>FMB001</li> <li>FMC001</li> <li>FMB010</li> <li>FMB003</li> <li>FMB110</li> <li>FMB120</li> <li>FMB122</li> <li>FMB125</li> <li>FMU125</li> <li>FMC125</li> <li>FMM125</li> <li>FMB130</li> <li>FMU130</li> <li>FMC130</li> <li>FMM130</li> <li>FMB140</li> <li>FMB150</li> <li>FMC150</li> <li>FMM150</li> <li>FMB900</li> <li>FMB920</li> <li>FMB962</li> <li>FMB964</li> <li>FM3001</li> <li>FMT100</li> <li>MTB100</li> <li>FMB202</li> <li>FMB204</li> <li>FMB206</li> <li>FMT100</li> <li>MTB100</li> <li>FMB140</li> <li>FMBXXX</li> <li>FMB001</li> <li>FMC001</li> <li>FMB010</li> <li>FMB003</li> <li>FMB110</li> <li>FMB120</li> <li>FMB122</li> <li>FMB125</li> <li>FMU125</li> <li>FMC125</li> <li>FMM125</li> <li>FMB130</li> <li>FMU130</li> <li>FMC130</li> <li>FMM130</li> <li>FMB140</li> <li>FMB150</li> <li>FMC150</li> <li>FMM150</li> <li>FMB900</li> <li>FMB920</li> <li>FMB962</li> <li>FMB964</li> <li>FM3001</li> <li>FMT100</li> <li>MTB100</li> <li>FMB202</li> <li>FMB204</li> <li>FMB206</li> <li>FMT100</li> <li>MTB100</li> <li>FMB140</li> </ul>	OBD elements
57	Hybrid battery pack life	1	Unsigned	0	100	-	%	Hybrid battery pack remaining life			
58	Engine Oil Temperature	1	Unsigned	0	215	-	°C	Engine oil temperature			
59	Fuel injection timing	2	Signed	-21000	30200	0.01	°	Fuel injection timing			
543	Hybrid System Voltage	2	Unsigned	0	1024	-	V	Hybrid vehicle system voltage			

Property ID in AVL packet	Property Name	Bytes	Type	Value range	Multiplier	Units	Description	HW Support	Parameter Group
				Min Max					
544	Hybrid System Current	2	Signed	-3277 3277	-	A	Hybrid vehicle system current	FMB001 FMC001 FMB010 FMB003 FMB110 FMB120 FMB122 FMB125 FMC125 FMC125 FMM125 FMB130 FMC130 FMM130 FMB140 FMB150 FMC150 FMM150 FMB900 FMB920 FMB962 FMB964 FM3001 FMT100 MTB100 FMB202 FMB204 FMB206 FMT100 MTB100 FMB140 FMBXXX FMB001 FMC001 FMB010 FMB003 FMB110 FMB120 FMB122 FMB125 FMC125 FMC125 FMM125 FMB130 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 ",")	FMB001 FMC001 FMB010 FMB003 FMB110 FMB120 FMB122 FMB125 FMC125 FMC125 FMM125 FMB130 FMC130 FMM130 FMB140 FMB150 FMC150 FMM150 FMB900 FMB920 FMB962 FMB964 FM3001 FMT100 MTB100 FMB202 FMB204 FMB206 FMT100 MTB100 FMB140 FMBXXX FMB001 FMC001 FMB010 FMB003 FMB110 FMB120 FMB122 FMB125 FMC125 FMC125 FMM125 FMB130 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	FMB001 FMC001 FMB010 FMB003 FMB110 FMB120 FMB122 FMB125 FMC125 FMC125 FMM125 FMB130 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
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	<a href="#">EMR001</a> <a href="#">EMC001</a> <a href="#">EMM001</a> <a href="#">EMR003</a> <a href="#">EMC003</a> <a href="#">EMM003</a>	OBD OEM elements
412	OEM Battery power consumption	2	Unsigned	0	65535	-	kWh/100km	Represents battery power consumption	<a href="#">EMR001</a> <a href="#">EMC001</a> <a href="#">EMM001</a> <a href="#">EMR003</a> <a href="#">EMC003</a> <a href="#">EMM003</a>	OBD OEM elements
755	OEM Remaining distance	2	Unsigned	0	65535	-	km	Remaining distance until fuel tank empty or battery (EV) depleted	<a href="#">EMR001</a> <a href="#">EMC001</a> <a href="#">EMM001</a> <a href="#">EMR003</a> <a href="#">EMC003</a> <a href="#">EMM003</a>	OBD OEM elements

## BLE Sensors I/O elements

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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

[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](#)  
[FMC80](#)  
[0](#)  
[FMM8](#)  
[00](#)  
[FMM8](#)  
[0A](#)

Permanent I/O elements

25 BLE Temperature #1 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

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

Bluetooth®  
Low Energy

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

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

Bluetooth®  
Low Energy

27 BLE Temperature #3 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

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

Bluetooth®  
Low Energy

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

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

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29	BLE Battery #1	1	Unsigned	0	100	-	%	Battery level of sensor #1	<a href="#">FMBXX</a> <a href="#">X</a> <a href="#">FMB00</a> <a href="#">1</a> <a href="#">FMC00</a> <a href="#">1</a> <a href="#">FMB01</a> <a href="#">0</a> <a href="#">FMB00</a> <a href="#">2</a> <a href="#">FMB02</a> <a href="#">0</a> <a href="#">FMB00</a> <a href="#">3</a> <a href="#">FMB11</a> <a href="#">0</a> <a href="#">FMB12</a> <a href="#">0</a> <a href="#">FMB12</a> <a href="#">2</a> <a href="#">FMB12</a> <a href="#">5</a> <a href="#">FMU12</a> <a href="#">5</a> <a href="#">FMC12</a> <a href="#">5</a> <a href="#">FMB13</a> <a href="#">0</a> <a href="#">FMU13</a> <a href="#">0</a> <a href="#">FMC13</a> <a href="#">0</a> <a href="#">FMB14</a> <a href="#">0</a> <a href="#">FMB15</a> <a href="#">0</a> <a href="#">FMC15</a> <a href="#">0</a> <a href="#">FMM1</a> <a href="#">50</a> <a href="#">FMB90</a> <a href="#">0</a> <a href="#">FMB92</a> <a href="#">0</a> <a href="#">FMB91</a> <a href="#">0</a> <a href="#">FMB96</a> <a href="#">2</a> <a href="#">FMB96</a> <a href="#">4</a> <a href="#">FM300</a> <a href="#">1</a> <a href="#">FMB20</a> <a href="#">2</a> <a href="#">FMB20</a> <a href="#">4</a> <a href="#">FMB20</a> <a href="#">6</a> <a href="#">FMT10</a> <a href="#">0</a> <a href="#">MTB10</a> <a href="#">0</a> <a href="#">FMP10</a> <a href="#">0</a> <a href="#">FMB14</a> <a href="#">0</a> <a href="#">MSP50</a> <a href="#">0</a> <a href="#">FMC80</a> <a href="#">0</a> <a href="#">FMM8</a> <a href="#">00</a> <a href="#">FMM8</a> <a href="#">0A</a>	Bluetooth® Low Energy
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20	BLE Battery #2	1	Unsigned	0	100	-	%	Battery level of sensor #2	<a href="#">FMBXX</a> <a href="#">X</a> <a href="#">FMB00</a> <a href="#">1</a> <a href="#">FMC00</a> <a href="#">1</a> <a href="#">FMB01</a> <a href="#">0</a> <a href="#">FMB00</a> <a href="#">2</a> <a href="#">FMB02</a> <a href="#">0</a> <a href="#">FMB00</a> <a href="#">3</a> <a href="#">FMB11</a> <a href="#">0</a> <a href="#">FMB12</a> <a href="#">0</a> <a href="#">FMB12</a> <a href="#">2</a> <a href="#">FMB12</a> <a href="#">5</a> <a href="#">FMU12</a> <a href="#">5</a> <a href="#">FMC12</a> <a href="#">5</a> <a href="#">FMB13</a> <a href="#">0</a> <a href="#">FMU13</a> <a href="#">0</a> <a href="#">FMC13</a> <a href="#">0</a> <a href="#">FMB14</a> <a href="#">0</a> <a href="#">FMB15</a> <a href="#">0</a> <a href="#">FMC15</a> <a href="#">0</a> <a href="#">FMM1</a> <a href="#">50</a> <a href="#">FMB90</a> <a href="#">0</a> <a href="#">FMB92</a> <a href="#">0</a> <a href="#">FMB91</a> <a href="#">0</a> <a href="#">FMB96</a> <a href="#">2</a> <a href="#">FMB96</a> <a href="#">4</a> <a href="#">FM300</a> <a href="#">1</a> <a href="#">FMB20</a> <a href="#">2</a> <a href="#">FMB20</a> <a href="#">4</a> <a href="#">FMB20</a> <a href="#">6</a> <a href="#">FMT10</a> <a href="#">0</a> <a href="#">MTB10</a> <a href="#">0</a> <a href="#">FMP10</a> <a href="#">0</a> <a href="#">FMB14</a> <a href="#">0</a> <a href="#">MSP50</a> <a href="#">0</a> <a href="#">FMC80</a> <a href="#">0</a> <a href="#">FMM8</a> <a href="#">00</a> <a href="#">FMM8</a> <a href="#">0A</a>	Bluetooth® Low Energy
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22	BLE Battery #3	1	Unsigned	0	100	-	%	Battery level of sensor #3	<a href="#">FMBXX</a> <a href="#">X</a> <a href="#">FMB00</a> <a href="#">1</a> <a href="#">FMC00</a> <a href="#">1</a> <a href="#">FMB01</a> <a href="#">0</a> <a href="#">FMB00</a> <a href="#">2</a> <a href="#">FMB02</a> <a href="#">0</a> <a href="#">FMB00</a> <a href="#">3</a> <a href="#">FMB11</a> <a href="#">0</a> <a href="#">FMB12</a> <a href="#">0</a> <a href="#">FMB12</a> <a href="#">2</a> <a href="#">FMB12</a> <a href="#">5</a> <a href="#">FMU12</a> <a href="#">5</a> <a href="#">FMC12</a> <a href="#">5</a> <a href="#">FMB13</a> <a href="#">0</a> <a href="#">FMU13</a> <a href="#">0</a> <a href="#">FMC13</a> <a href="#">0</a> <a href="#">FMB14</a> <a href="#">0</a> <a href="#">FMB15</a> <a href="#">0</a> <a href="#">FMC15</a> <a href="#">0</a> <a href="#">FMM1</a> <a href="#">50</a> <a href="#">FMB90</a> <a href="#">0</a> <a href="#">FMB92</a> <a href="#">0</a> <a href="#">FMB91</a> <a href="#">0</a> <a href="#">FMB96</a> <a href="#">2</a> <a href="#">FMB96</a> <a href="#">4</a> <a href="#">FM300</a> <a href="#">1</a> <a href="#">FMB20</a> <a href="#">2</a> <a href="#">FMB20</a> <a href="#">4</a> <a href="#">FMB20</a> <a href="#">6</a> <a href="#">FMT10</a> <a href="#">0</a> <a href="#">MTB10</a> <a href="#">0</a> <a href="#">FMP10</a> <a href="#">0</a> <a href="#">FMB14</a> <a href="#">0</a> <a href="#">MSP50</a> <a href="#">0</a> <a href="#">FMC80</a> <a href="#">0</a> <a href="#">FMM8</a> <a href="#">00</a> <a href="#">FMM8</a> <a href="#">0A</a>	Bluetooth® Low Energy
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23	BLE Battery #4	1	Unsigned	0	100	-	%	Battery level of sensor #4	<a href="#">FMBXX</a> <a href="#">X</a> <a href="#">FMB00</a> <a href="#">1</a> <a href="#">FMC00</a> <a href="#">1</a> <a href="#">FMB01</a> <a href="#">0</a> <a href="#">FMB00</a> <a href="#">2</a> <a href="#">FMB02</a> <a href="#">0</a> <a href="#">FMB00</a> <a href="#">3</a> <a href="#">FMB11</a> <a href="#">0</a> <a href="#">FMB12</a> <a href="#">0</a> <a href="#">FMB12</a> <a href="#">2</a> <a href="#">FMB12</a> <a href="#">5</a> <a href="#">FMU12</a> <a href="#">5</a> <a href="#">FMC12</a> <a href="#">5</a> <a href="#">FMB13</a> <a href="#">0</a> <a href="#">FMU13</a> <a href="#">0</a> <a href="#">FMC13</a> <a href="#">0</a> <a href="#">FMB14</a> <a href="#">0</a> <a href="#">FMB15</a> <a href="#">0</a> <a href="#">FMC15</a> <a href="#">0</a> <a href="#">FMM1</a> <a href="#">50</a> <a href="#">FMB90</a> <a href="#">0</a> <a href="#">FMB92</a> <a href="#">0</a> <a href="#">FMB91</a> <a href="#">0</a> <a href="#">FMB96</a> <a href="#">2</a> <a href="#">FMB96</a> <a href="#">4</a> <a href="#">FM300</a> <a href="#">1</a> <a href="#">FMB20</a> <a href="#">2</a> <a href="#">FMB20</a> <a href="#">4</a> <a href="#">FMB20</a> <a href="#">6</a> <a href="#">FMT10</a> <a href="#">0</a> <a href="#">MTB10</a> <a href="#">0</a> <a href="#">FMP10</a> <a href="#">0</a> <a href="#">FMB14</a> <a href="#">0</a> <a href="#">MSP50</a> <a href="#">0</a> <a href="#">FMC80</a> <a href="#">0</a> <a href="#">FMM8</a> <a href="#">00</a> <a href="#">FMM8</a> <a href="#">0A</a>	Bluetooth® Low Energy
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86	BLE Humidity #1	2	Unsigned	0	1000	0.1*	%RH	Humidity	<a href="#">FMBXX</a> <a href="#">X</a> <a href="#">FMB00</a> <a href="#">1</a> <a href="#">FMC00</a> <a href="#">1</a> <a href="#">FMB01</a> <a href="#">0</a> <a href="#">FMB00</a> <a href="#">2</a> <a href="#">FMB02</a> <a href="#">0</a> <a href="#">FMB00</a> <a href="#">3</a> <a href="#">FMB11</a> <a href="#">0</a> <a href="#">FMB12</a> <a href="#">0</a> <a href="#">FMB12</a> <a href="#">2</a> <a href="#">FMB12</a> <a href="#">5</a> <a href="#">FMU12</a> <a href="#">5</a> <a href="#">FMC12</a> <a href="#">5</a> <a href="#">FMB13</a> <a href="#">0</a> <a href="#">FMU13</a> <a href="#">0</a> <a href="#">FMC13</a> <a href="#">0</a> <a href="#">FMB14</a> <a href="#">0</a> <a href="#">FMB15</a> <a href="#">0</a> <a href="#">FMC15</a> <a href="#">0</a> <a href="#">FMM1</a> <a href="#">50</a> <a href="#">FMB90</a> <a href="#">0</a> <a href="#">FMB92</a> <a href="#">0</a> <a href="#">FMB91</a> <a href="#">0</a> <a href="#">FMB96</a> <a href="#">2</a> <a href="#">FMB96</a> <a href="#">4</a> <a href="#">FM300</a> <a href="#">1</a> <a href="#">FMB20</a> <a href="#">2</a> <a href="#">FMB20</a> <a href="#">4</a> <a href="#">FMB20</a> <a href="#">6</a> <a href="#">FMT10</a> <a href="#">0</a> <a href="#">MTB10</a> <a href="#">0</a> <a href="#">FMP10</a> <a href="#">0</a> <a href="#">FMB14</a> <a href="#">0</a> <a href="#">MSP50</a> <a href="#">0</a> <a href="#">FMC80</a> <a href="#">0</a> <a href="#">FMM8</a> <a href="#">00</a> <a href="#">FMM8</a> <a href="#">0A</a>	Bluetooth® Low Energy
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106	BLE Humidity #3	2	Unsigned	0	1000	0.1*	%RH	Humidity	<a href="#">FMBXX</a> <a href="#">X</a> <a href="#">FMB00</a> <a href="#">1</a> <a href="#">FMC00</a> <a href="#">1</a> <a href="#">FMB01</a> <a href="#">0</a> <a href="#">FMB00</a> <a href="#">2</a> <a href="#">FMB02</a> <a href="#">0</a> <a href="#">FMB00</a> <a href="#">3</a> <a href="#">FMB11</a> <a href="#">0</a> <a href="#">FMB12</a> <a href="#">0</a> <a href="#">FMB12</a> <a href="#">2</a> <a href="#">FMB12</a> <a href="#">5</a> <a href="#">FMU12</a> <a href="#">5</a> <a href="#">FMC12</a> <a href="#">5</a> <a href="#">FMB13</a> <a href="#">0</a> <a href="#">FMU13</a> <a href="#">0</a> <a href="#">FMC13</a> <a href="#">0</a> <a href="#">FMB14</a> <a href="#">0</a> <a href="#">FMB15</a> <a href="#">0</a> <a href="#">FMC15</a> <a href="#">0</a> <a href="#">FMM1</a> <a href="#">50</a> <a href="#">FMB90</a> <a href="#">0</a> <a href="#">FMB92</a> <a href="#">0</a> <a href="#">FMB91</a> <a href="#">0</a> <a href="#">FMB96</a> <a href="#">2</a> <a href="#">FMB96</a> <a href="#">4</a> <a href="#">FM300</a> <a href="#">1</a> <a href="#">FMB20</a> <a href="#">2</a> <a href="#">FMB20</a> <a href="#">4</a> <a href="#">FMB20</a> <a href="#">6</a> <a href="#">FMT10</a> <a href="#">0</a> <a href="#">MTB10</a> <a href="#">0</a> <a href="#">FMP10</a> <a href="#">0</a> <a href="#">FMB14</a> <a href="#">0</a> <a href="#">MSP50</a> <a href="#">0</a> <a href="#">FMC80</a> <a href="#">0</a> <a href="#">FMM8</a> <a href="#">00</a> <a href="#">FMM8</a> <a href="#">0A</a>	Bluetooth® Low Energy
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Bluetooth®  
Low Energy

108 BLE Humidity #4 2 Unsigned 0 1000 0.1\* %RH Humidity

270	BLE Fuel Level #1	2	Unsigned	0	65535	-	-	Fuel Level	<a href="#">FMBXX</a> <a href="#">X</a> <a href="#">FMB00</a> <a href="#">1</a> <a href="#">FMC00</a> <a href="#">1</a> <a href="#">FMB01</a> <a href="#">0</a> <a href="#">FMB00</a> <a href="#">2</a> <a href="#">FMB02</a> <a href="#">0</a> <a href="#">FMB00</a> <a href="#">3</a> <a href="#">FMB11</a> <a href="#">0</a> <a href="#">FMB12</a> <a href="#">0</a> <a href="#">FMB12</a> <a href="#">2</a> <a href="#">FMB12</a> <a href="#">5</a> <a href="#">FMU12</a> <a href="#">5</a> <a href="#">FMC12</a> <a href="#">5</a> <a href="#">FMB13</a> <a href="#">0</a> <a href="#">FMU13</a> <a href="#">0</a> <a href="#">FMC13</a> <a href="#">0</a> <a href="#">FMB14</a> <a href="#">0</a> <a href="#">FMB15</a> <a href="#">0</a> <a href="#">FMC15</a> <a href="#">0</a> <a href="#">FMM1</a> <a href="#">50</a> <a href="#">FMB90</a> <a href="#">0</a> <a href="#">FMB92</a> <a href="#">0</a> <a href="#">FMB91</a> <a href="#">0</a> <a href="#">FMB96</a> <a href="#">2</a> <a href="#">FMB96</a> <a href="#">4</a> <a href="#">FM300</a> <a href="#">1</a> <a href="#">FMB20</a> <a href="#">2</a> <a href="#">FMB20</a> <a href="#">4</a> <a href="#">FMB20</a> <a href="#">6</a> <a href="#">FMT10</a> <a href="#">0</a> <a href="#">MTB10</a> <a href="#">0</a> <a href="#">FMP10</a> <a href="#">0</a> <a href="#">FMB14</a> <a href="#">0</a> <a href="#">MSP50</a> <a href="#">0</a> <a href="#">FMC80</a> <a href="#">0</a> <a href="#">FMM8</a> <a href="#">00</a> <a href="#">FMM8</a> <a href="#">0A</a>	Bluetooth® Low Energy
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273	BLE Fuel Level #2	2	Unsigned	0	65535	-	-	Fuel Level	<a href="#">FMBXX</a> <a href="#">X</a> <a href="#">FMB00</a> <a href="#">1</a> <a href="#">FMC00</a> <a href="#">1</a> <a href="#">FMB01</a> <a href="#">0</a> <a href="#">FMB00</a> <a href="#">2</a> <a href="#">FMB02</a> <a href="#">0</a> <a href="#">FMB00</a> <a href="#">3</a> <a href="#">FMB11</a> <a href="#">0</a> <a href="#">FMB12</a> <a href="#">0</a> <a href="#">FMB12</a> <a href="#">2</a> <a href="#">FMB12</a> <a href="#">5</a> <a href="#">FMU12</a> <a href="#">5</a> <a href="#">FMC12</a> <a href="#">5</a> <a href="#">FMB13</a> <a href="#">0</a> <a href="#">FMU13</a> <a href="#">0</a> <a href="#">FMC13</a> <a href="#">0</a> <a href="#">FMB14</a> <a href="#">0</a> <a href="#">FMB15</a> <a href="#">0</a> <a href="#">FMC15</a> <a href="#">0</a> <a href="#">FMM1</a> <a href="#">50</a> <a href="#">FMB90</a> <a href="#">0</a> <a href="#">FMB92</a> <a href="#">0</a> <a href="#">FMB91</a> <a href="#">0</a> <a href="#">FMB96</a> <a href="#">2</a> <a href="#">FMB96</a> <a href="#">4</a> <a href="#">FM300</a> <a href="#">1</a> <a href="#">FMB20</a> <a href="#">2</a> <a href="#">FMB20</a> <a href="#">4</a> <a href="#">FMB20</a> <a href="#">6</a> <a href="#">FMT10</a> <a href="#">0</a> <a href="#">MTB10</a> <a href="#">0</a> <a href="#">FMP10</a> <a href="#">0</a> <a href="#">FMB14</a> <a href="#">0</a> <a href="#">MSP50</a> <a href="#">0</a> <a href="#">FMC80</a> <a href="#">0</a> <a href="#">FMM8</a> <a href="#">00</a> <a href="#">FMM8</a> <a href="#">0A</a>	Bluetooth® Low Energy
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276	BLE Fuel Level #3	2	Unsigned	0	65535	-	-	Fuel Level	<a href="#">FMBXX</a> <a href="#">X</a> <a href="#">FMB00</a> <a href="#">1</a> <a href="#">FMC00</a> <a href="#">1</a> <a href="#">FMB01</a> <a href="#">0</a> <a href="#">FMB00</a> <a href="#">2</a> <a href="#">FMB02</a> <a href="#">0</a> <a href="#">FMB00</a> <a href="#">3</a> <a href="#">FMB11</a> <a href="#">0</a> <a href="#">FMB12</a> <a href="#">0</a> <a href="#">FMB12</a> <a href="#">2</a> <a href="#">FMB12</a> <a href="#">5</a> <a href="#">FMU12</a> <a href="#">5</a> <a href="#">FMC12</a> <a href="#">5</a> <a href="#">FMB13</a> <a href="#">0</a> <a href="#">FMU13</a> <a href="#">0</a> <a href="#">FMC13</a> <a href="#">0</a> <a href="#">FMB14</a> <a href="#">0</a> <a href="#">FMB15</a> <a href="#">0</a> <a href="#">FMC15</a> <a href="#">0</a> <a href="#">FMM1</a> <a href="#">50</a> <a href="#">FMB90</a> <a href="#">0</a> <a href="#">FMB92</a> <a href="#">0</a> <a href="#">FMB91</a> <a href="#">0</a> <a href="#">FMB96</a> <a href="#">2</a> <a href="#">FMB96</a> <a href="#">4</a> <a href="#">FM300</a> <a href="#">1</a> <a href="#">FMB20</a> <a href="#">2</a> <a href="#">FMB20</a> <a href="#">4</a> <a href="#">FMB20</a> <a href="#">6</a> <a href="#">FMT10</a> <a href="#">0</a> <a href="#">MTB10</a> <a href="#">0</a> <a href="#">FMP10</a> <a href="#">0</a> <a href="#">FMB14</a> <a href="#">0</a> <a href="#">MSP50</a> <a href="#">0</a> <a href="#">FMC80</a> <a href="#">0</a> <a href="#">FMM8</a> <a href="#">00</a> <a href="#">FMM8</a> <a href="#">0A</a>	Bluetooth® Low Energy
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279	BLE Fuel Level #4	2	Unsigned	0	65535	-	-	Fuel Level	<a href="#">FMBXX</a> <a href="#">X</a> <a href="#">FMB00</a> <a href="#">1</a> <a href="#">FMC00</a> <a href="#">1</a> <a href="#">FMB01</a> <a href="#">0</a> <a href="#">FMB00</a> <a href="#">2</a> <a href="#">FMB02</a> <a href="#">0</a> <a href="#">FMB00</a> <a href="#">3</a> <a href="#">FMB11</a> <a href="#">0</a> <a href="#">FMB12</a> <a href="#">0</a> <a href="#">FMB12</a> <a href="#">2</a> <a href="#">FMB12</a> <a href="#">5</a> <a href="#">FMU12</a> <a href="#">5</a> <a href="#">FMC12</a> <a href="#">5</a> <a href="#">FMB13</a> <a href="#">0</a> <a href="#">FMU13</a> <a href="#">0</a> <a href="#">FMC13</a> <a href="#">0</a> <a href="#">FMB14</a> <a href="#">0</a> <a href="#">FMB15</a> <a href="#">0</a> <a href="#">FMC15</a> <a href="#">0</a> <a href="#">FMM1</a> <a href="#">50</a> <a href="#">FMB90</a> <a href="#">0</a> <a href="#">FMB92</a> <a href="#">0</a> <a href="#">FMB91</a> <a href="#">0</a> <a href="#">FMB96</a> <a href="#">2</a> <a href="#">FMB96</a> <a href="#">4</a> <a href="#">FM300</a> <a href="#">1</a> <a href="#">FMB20</a> <a href="#">2</a> <a href="#">FMB20</a> <a href="#">4</a> <a href="#">FMB20</a> <a href="#">6</a> <a href="#">FMT10</a> <a href="#">0</a> <a href="#">MTB10</a> <a href="#">0</a> <a href="#">FMP10</a> <a href="#">0</a> <a href="#">FMB14</a> <a href="#">0</a> <a href="#">MSP50</a> <a href="#">0</a> <a href="#">FMC80</a> <a href="#">0</a> <a href="#">FMM8</a> <a href="#">00</a> <a href="#">FMM8</a> <a href="#">0A</a>	Bluetooth® Low Energy
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306 BLE Fuel Frequency #1 4 Unsigned 0 21474 83647 - - Frequency value of BLE fuel sensor #1

Bluetooth® Low Energy









336	BLE Luminosity #2	2	Unsigned	0	0xFFFF	-	lx	Luminosity value of BLE sensor	<a href="#">FMBXX</a> <a href="#">X</a> <a href="#">FMB00</a> <a href="#">1</a> <a href="#">FMC00</a> <a href="#">1</a> <a href="#">FMB01</a> <a href="#">0</a> <a href="#">FMB00</a> <a href="#">2</a> <a href="#">FMB02</a> <a href="#">0</a> <a href="#">FMB00</a> <a href="#">3</a> <a href="#">FMB11</a> <a href="#">0</a> <a href="#">FMB12</a> <a href="#">0</a> <a href="#">FMB12</a> <a href="#">2</a> <a href="#">FMB12</a> <a href="#">5</a> <a href="#">FMU12</a> <a href="#">5</a> <a href="#">FMC12</a> <a href="#">5</a> <a href="#">FMB13</a> <a href="#">0</a> <a href="#">FMU13</a> <a href="#">0</a> <a href="#">FMC13</a> <a href="#">0</a> <a href="#">FMB14</a> <a href="#">0</a> <a href="#">FMB15</a> <a href="#">0</a> <a href="#">FMC15</a> <a href="#">0</a> <a href="#">FMM1</a> <a href="#">50</a> <a href="#">FMB90</a> <a href="#">0</a> <a href="#">FMB92</a> <a href="#">0</a> <a href="#">FMB91</a> <a href="#">0</a> <a href="#">FMB96</a> <a href="#">2</a> <a href="#">FMB96</a> <a href="#">4</a> <a href="#">FM300</a> <a href="#">1</a> <a href="#">FMB20</a> <a href="#">2</a> <a href="#">FMB20</a> <a href="#">4</a> <a href="#">FMB20</a> <a href="#">6</a> <a href="#">FMT10</a> <a href="#">0</a> <a href="#">MTB10</a> <a href="#">0</a> <a href="#">FMP10</a> <a href="#">0</a> <a href="#">FMB14</a> <a href="#">0</a> <a href="#">MSP50</a> <a href="#">0</a> <a href="#">FMC80</a> <a href="#">0</a> <a href="#">FMM8</a> <a href="#">00</a> <a href="#">FMM8</a> <a href="#">0A</a>	Bluetooth® Low Energy
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								<a href="#">FMC00</a>	
								<a href="#">1</a>	
								<a href="#">FMB01</a>	
								<a href="#">0</a>	
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								<a href="#">FMB00</a>	
								<a href="#">3</a>	
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								<a href="#">0</a>	
								<a href="#">FMB12</a>	
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								<a href="#">FMB14</a>	
								<a href="#">0</a>	
								<a href="#">FMB15</a>	
								<a href="#">0</a>	
338	BLE Luminosity #4	2	Unsigned	0	0xFFFF	-	lx	<a href="#">FMC15</a>	Bluetooth®
			ed		F			<a href="#">0</a>	Low Energy
								<a href="#">FMM1</a>	
								<a href="#">50</a>	
								<a href="#">FMB90</a>	
								<a href="#">0</a>	
								<a href="#">FMB92</a>	
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								<a href="#">FMM8</a>	
								<a href="#">0A</a>	







465	BLE 1 Custom #4	8	UNSIG NED LONG INT	0	42949 67295	-	-	Custom IO element for BLE sensor	<a href="#">FMBXX</a> <a href="#">X</a> <a href="#">FMB00</a> <a href="#">1</a> <a href="#">FMC00</a> <a href="#">1</a> <a href="#">FMB01</a> <a href="#">0</a> <a href="#">FMB00</a> <a href="#">2</a> <a href="#">FMB02</a> <a href="#">0</a> <a href="#">FMB00</a> <a href="#">3</a> <a href="#">FMB11</a> <a href="#">0</a> <a href="#">FMB12</a> <a href="#">0</a> <a href="#">FMB12</a> <a href="#">2</a> <a href="#">FMB12</a> <a href="#">5</a> <a href="#">FMU12</a> <a href="#">5</a> <a href="#">FMC12</a> <a href="#">5</a> <a href="#">FMB13</a> <a href="#">0</a> <a href="#">FMU13</a> <a href="#">0</a> <a href="#">FMC13</a> <a href="#">0</a> <a href="#">FMB14</a> <a href="#">0</a> <a href="#">FMB15</a> <a href="#">0</a> <a href="#">FMC15</a> <a href="#">0</a> <a href="#">FMM1</a> <a href="#">50</a> <a href="#">FMB90</a> <a href="#">0</a> <a href="#">FMB92</a> <a href="#">0</a> <a href="#">FMB91</a> <a href="#">0</a> <a href="#">FMB96</a> <a href="#">2</a> <a href="#">FMB96</a> <a href="#">4</a> <a href="#">FM300</a> <a href="#">1</a> <a href="#">FMB20</a> <a href="#">2</a> <a href="#">FMB20</a> <a href="#">4</a> <a href="#">FMB20</a> <a href="#">6</a> <a href="#">FMT10</a> <a href="#">0</a> <a href="#">MTB10</a> <a href="#">0</a> <a href="#">FMP10</a> <a href="#">0</a> <a href="#">FMB14</a> <a href="#">0</a> <a href="#">MSP50</a> <a href="#">0</a> <a href="#">FMC80</a> <a href="#">0</a> <a href="#">FMM8</a> <a href="#">00</a> <a href="#">FMM8</a> <a href="#">0A</a>	Bluetooth® Low Energy
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475	BLE 4 Custom #2	8	UNSIG NED LONG INT	0	42949 67295	-	-	Custom IO element for BLE sensor	<a href="#">FMBXX</a> <a href="#">X</a> <a href="#">FMB00</a> <a href="#">1</a> <a href="#">FMC00</a> <a href="#">1</a> <a href="#">FMB01</a> <a href="#">0</a> <a href="#">FMB00</a> <a href="#">2</a> <a href="#">FMB02</a> <a href="#">0</a> <a href="#">FMB00</a> <a href="#">3</a> <a href="#">FMB11</a> <a href="#">0</a> <a href="#">FMB12</a> <a href="#">0</a> <a href="#">FMB12</a> <a href="#">2</a> <a href="#">FMB12</a> <a href="#">5</a> <a href="#">FMU12</a> <a href="#">5</a> <a href="#">FMC12</a> <a href="#">5</a> <a href="#">FMB13</a> <a href="#">0</a> <a href="#">FMU13</a> <a href="#">0</a> <a href="#">FMC13</a> <a href="#">0</a> <a href="#">FMB14</a> <a href="#">0</a> <a href="#">FMB15</a> <a href="#">0</a> <a href="#">FMC15</a> <a href="#">0</a> <a href="#">FMM1</a> <a href="#">50</a> <a href="#">FMB90</a> <a href="#">0</a> <a href="#">FMB92</a> <a href="#">0</a> <a href="#">FMB91</a> <a href="#">0</a> <a href="#">FMB96</a> <a href="#">2</a> <a href="#">FMB96</a> <a href="#">4</a> <a href="#">FM300</a> <a href="#">1</a> <a href="#">FMB20</a> <a href="#">2</a> <a href="#">FMB20</a> <a href="#">4</a> <a href="#">FMB20</a> <a href="#">6</a> <a href="#">FMT10</a> <a href="#">0</a> <a href="#">MTB10</a> <a href="#">0</a> <a href="#">FMP10</a> <a href="#">0</a> <a href="#">FMB14</a> <a href="#">0</a> <a href="#">MSP50</a> <a href="#">0</a> <a href="#">FMC80</a> <a href="#">0</a> <a href="#">FMM8</a> <a href="#">00</a> <a href="#">FMM8</a> <a href="#">0A</a>	Bluetooth® Low Energy
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476	BLE 4 Custom #3	8	UNSIG NED LONG INT	0	42949 67295	-	-	Custom IO element for BLE sensor	<a href="#">FMBXX</a> <a href="#">X</a> <a href="#">FMB00</a> <a href="#">1</a> <a href="#">FMC00</a> <a href="#">1</a> <a href="#">FMB01</a> <a href="#">0</a> <a href="#">FMB00</a> <a href="#">2</a> <a href="#">FMB02</a> <a href="#">0</a> <a href="#">FMB00</a> <a href="#">3</a> <a href="#">FMB11</a> <a href="#">0</a> <a href="#">FMB12</a> <a href="#">0</a> <a href="#">FMB12</a> <a href="#">2</a> <a href="#">FMB12</a> <a href="#">5</a> <a href="#">FMU12</a> <a href="#">5</a> <a href="#">FMC12</a> <a href="#">5</a> <a href="#">FMB13</a> <a href="#">0</a> <a href="#">FMU13</a> <a href="#">0</a> <a href="#">FMC13</a> <a href="#">0</a> <a href="#">FMB14</a> <a href="#">0</a> <a href="#">FMB15</a> <a href="#">0</a> <a href="#">FMC15</a> <a href="#">0</a> <a href="#">FMM1</a> <a href="#">50</a> <a href="#">FMB90</a> <a href="#">0</a> <a href="#">FMB92</a> <a href="#">0</a> <a href="#">FMB91</a> <a href="#">0</a> <a href="#">FMB96</a> <a href="#">2</a> <a href="#">FMB96</a> <a href="#">4</a> <a href="#">FM300</a> <a href="#">1</a> <a href="#">FMB20</a> <a href="#">2</a> <a href="#">FMB20</a> <a href="#">4</a> <a href="#">FMB20</a> <a href="#">6</a> <a href="#">FMT10</a> <a href="#">0</a> <a href="#">MTB10</a> <a href="#">0</a> <a href="#">FMP10</a> <a href="#">0</a> <a href="#">FMB14</a> <a href="#">0</a> <a href="#">MSP50</a> <a href="#">0</a> <a href="#">FMC80</a> <a href="#">0</a> <a href="#">FMM8</a> <a href="#">00</a> <a href="#">FMM8</a> <a href="#">0A</a>	Bluetooth® Low Energy
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# CAN adapters elements

Property ID in AVL packet	Property Name	Bytes	Type	Value range		Multiplier	Units	Description	HW Support	Parameter Group
				Min	Max					
81	Vehicle Speed	1	Unsigned	0	255	-	km/h	Value in km/h	FMBXXX FMB100 FMB110 FMB120 FMB122 FMB125 FMB130 FMB140 EMU120 EMU122 EMU125 EMU126 EMU130 EMU1330 EMCI120 EMCI122 EMCI125 EMCI130 EMMI125 EMMI130 EMMI150 EMGI150 EMMI150 FMB250 EMC250 FMM250 FMBXXX FMB100 FMB110 FMB120 FMB122 FMB125 FMB130 FMB140 EMU120 EMU122 EMU125 EMU126 EMU130 EMU1330 EMCI120 EMCI122 EMCI125 EMCI130 EMMI125 EMMI130 EMMI150 EMGI150 EMMI150 FMB250 EMC250 FMM250 FMBXXX FMB100 FMB110 FMB120 FMB122 FMB125 FMB130 FMB140 EMU120 EMU122 EMU125 EMU126 EMU130 EMU1330 EMCI120 EMCI122 EMCI125 EMCI130 EMMI125 EMMI130 EMMI150 EMGI150 EMMI150 FMB250 EMC250 FMM250 FMBXXX FMB100 FMB110 FMB120 FMB122 FMB125 FMB130 FMB140 EMU120 EMU122 EMU125 EMU126 EMU130 EMU1330 EMCI120 EMCI122 EMCI125 EMCI130 EMMI125 EMMI130 EMMI150 EMGI150 EMMI150 FMB250 EMC250 FMM250	CAN adapters
82	Accelerator Pedal Position	1	Unsigned	0	102	-	%	Value in percentages, %	FMBXXX FMB100 FMB110 FMB120 FMB122 FMB125 FMB130 FMB140 EMU120 EMU122 EMU125 EMU126 EMU130 EMU1330 EMCI120 EMCI122 EMCI125 EMCI130 EMMI125 EMMI130 EMMI150 EMGI150 EMMI150 FMB250 EMC250 FMM250 FMBXXX FMB100 FMB110 FMB120 FMB122 FMB125 FMB130 FMB140 EMU120 EMU122 EMU125 EMU126 EMU130 EMU1330 EMCI120 EMCI122 EMCI125 EMCI130 EMMI125 EMMI130 EMMI150 EMGI150 EMMI150 FMB250 EMC250 FMM250 FMBXXX FMB100 FMB110 FMB120 FMB122 FMB125 FMB130 FMB140 EMU120 EMU122 EMU125 EMU126 EMU130 EMU1330 EMCI120 EMCI122 EMCI125 EMCI130 EMMI125 EMMI130 EMMI150 EMGI150 EMMI150 FMB250 EMC250 FMM250	CAN adapters
84	Fuel Level	2	Unsigned	0	65535	0.1	l	Value in liters, L	FMBXXX FMB100 FMB110 FMB120 FMB122 FMB125 FMB130 FMB140 EMU120 EMU122 EMU125 EMU126 EMU130 EMU1330 EMCI120 EMCI122 EMCI125 EMCI130 EMMI125 EMMI130 EMMI150 EMGI150 EMMI150 FMB250 EMC250 FMM250 FMBXXX FMB100 FMB110 FMB120 FMB122 FMB125 FMB130 FMB140 EMU120 EMU122 EMU125 EMU126 EMU130 EMU1330 EMCI120 EMCI122 EMCI125 EMCI130 EMMI125 EMMI130 EMMI150 EMGI150 EMMI150 FMB250 EMC250 FMM250 FMBXXX FMB100 FMB110 FMB120 FMB122 FMB125 FMB130 FMB140 EMU120 EMU122 EMU125 EMU126 EMU130 EMU1330 EMCI120 EMCI122 EMCI125 EMCI130 EMMI125 EMMI130 EMMI150 EMGI150 EMMI150 FMB250 EMC250 FMM250	CAN adapters
85	Engine RPM	2	Unsigned	0	16384	-	rpm	Value in rounds per minute, rpm	FMBXXX FMB100 FMB110 FMB120 FMB122 FMB125 FMB130 FMB140 EMU120 EMU122 EMU125 EMU126 EMU130 EMU1330 EMCI120 EMCI122 EMCI125 EMCI130 EMMI125 EMMI130 EMMI150 EMGI150 EMMI150 FMB250 EMC250 FMM250 FMBXXX FMB100 FMB110 FMB120 FMB122 FMB125 FMB130 FMB140 EMU120 EMU122 EMU125 EMU126 EMU130 EMU1330 EMCI120 EMCI122 EMCI125 EMCI130 EMMI125 EMMI130 EMMI150 EMGI150 EMMI150 FMB250 EMC250 FMM250	CAN adapters
87	Total Mileage	4	Unsigned	0	4294967295	-	m	Value in meters, m	FMBXXX FMB100 FMB110 FMB120 FMB122 FMB125 FMB130 FMB140 EMU120 EMU122 EMU125 EMU126 EMU130 EMU1330 EMCI120 EMCI122 EMCI125 EMCI130 EMMI125 EMMI130 EMMI150 EMGI150 EMMI150 FMB250 EMC250 FMM250 FMBXXX FMB100 FMB110 FMB120 FMB122 FMB125 FMB130 FMB140 EMU120 EMU122 EMU125 EMU126 EMU130 EMU1330 EMCI120 EMCI122 EMCI125 EMCI130 EMMI125 EMMI130 EMMI150 EMGI150 EMMI150 FMB250 EMC250 FMM250	CAN adapters
89	Fuel Level	1	Unsigned	0	65535	-	%	Value in percentages, %	FMBXXX FMB100 FMB110 FMB120 FMB122 FMB125 FMB130 FMB140 EMU120 EMU122 EMU125 EMU126 EMU130 EMU1330 EMCI120 EMCI122 EMCI125 EMCI130 EMMI125 EMMI130 EMMI150 EMGI150 EMMI150 FMB250 EMC250 FMM250	CAN adapters

ID	Name	Length	Sign	Min	Max	Unit	Description	Adapters
90	Door Status	2	Unsigned	0	32512	-	Door status value: Min - 0, Max - 32512 Door status is represented as bitmask converted to decimal value. Possible values: 0 - all doors closed, 0x100 (256) - front left door is opened, 0x200 (512) - front right door is opened, 0x400 (1024) - rear left door is opened, 0x800 (2048) - rear right door is opened, 0x1000 (4096) - hood is opened, 0x2000 (8192) - trunk is opened, 0x4000 (16384) - roof is opened, 0x7F00 (32512) - all doors are opened, or combinations of values	CAN adapters
103	Engine Worktime (counted)	4	Unsigned	0	16777215	min	Total Engine work time in minutes	CAN adapters
105	Total Mileage (counted)	4	Unsigned	0	4294967295	m	Total Vehicle Mileage, m	CAN adapters
107	Fuel Consumed (counted)	4	Unsigned	0	2147483647	l	Total Fuel Consumed, l	CAN adapters
115	Engine Temperature	2	Signed	-600	1270	°C	Engine Temperature, °C	CAN adapters
152	Battery Level	1	Unsigned	0	100	%	Value in percentages, %	CAN adapters

- FMBXXX
- FMB100
- FMB110
- FMB120
- FMB122
- FMB125
- FMB130
- FMB140
- FMB140
- FMB140
- FMB142
- FMB125
- FMB126
- FMB130
- FMB130
- FMB130
- FMB130
- FMB130
- FMB130
- FMB150
- FMB150
- FMB150
- FMB150
- FMB250
- FMB250
- FMB250
- FMB250
- FMM250
- FMM250
- FMBXXX
- FMB100
- FMB110
- FMB120
- FMB122
- FMB125
- FMB130
- FMB140
- FMB140
- FMB140
- FMB142
- FMB125
- FMB126
- FMB130
- FMB130
- FMB130
- FMB130
- FMB130
- FMB150
- FMB150
- FMB150
- FMB150
- FMB250
- FMB250
- FMB250
- FMB250
- FMM250
- FMM250
- FMBXXX
- FMB100
- FMB110
- FMB120
- FMB122
- FMB125
- FMB130
- FMB140
- FMB140
- FMB140
- FMB142
- FMB125
- FMB126
- FMB130
- FMB130
- FMB130
- FMB130
- FMB150
- FMB150
- FMB150
- FMB150
- FMB250
- FMB250
- FMB250
- FMB250
- FMM250
- FMM250
- FMBXXX
- FMB100
- FMB110
- FMB120
- FMB122
- FMB125
- FMB130
- FMB140
- FMB140
- FMB140
- FMB142
- FMB125
- FMB126
- FMB130
- FMB130
- FMB130
- FMB130
- FMB150
- FMB150
- FMB150
- FMB150
- FMB250
- FMB250
- FMB250
- FMB250
- FMM250
- FMM250
- FMBXXX
- FMB100
- FMB110
- FMB120
- FMB122
- FMB125
- FMB130
- FMB140
- FMB140
- FMB140
- FMB142
- FMB125
- FMB126
- FMB130
- FMB130
- FMB130
- FMB130
- FMB150
- FMB150
- FMB150
- FMB150
- FMB250
- FMB250
- FMB250
- FMB250
- FMM250
- FMM250





658	TrunkDoorOpen	1	Unsigned	0	1	-	-	0 - Closed 1 - Open	FMBXXX FMB150 EMC150 EMM150 FMB250 EMC250 EMM250	CAN adapters
659	NeutralGearActive	1	Unsigned	0	1	-	-	0 - Inactive 1 - Active	FMBXXX FMB150 EMC150 EMM150 FMB250 EMC250 EMM250	CAN adapters
660	ParkingGearActive	1	Unsigned	0	1	-	-	0 - Inactive 1 - Active	FMBXXX FMB150 EMC150 EMM150 FMB250 EMC250 EMM250	CAN adapters
661	ReverseGearActive	1	Unsigned	0	1	-	-	0 - Inactive 1 - Active	FMBXXX FMB150 EMC150 EMM150 FMB250 EMC250 EMM250	CAN adapters
662	CarClosed	1	Unsigned	0	1	-	-	0 - Closed 1 - Open	FMBXXX FMB150 EMC150 EMM150 FMB250 EMC250 EMM250	CAN adapters
866	Vehicle Range	4	Unsigned	0	4294967295	-	km	Information about vehicle range	FMBXXX FMB100 FMB110 FMB120 FMB122 FMB125 FMB130 FMB140 EMU120 EMU122 EMU125 EMU126 EMU130 EMC120 EMC122 EMC125 EMC130 EMM125 EMM130 FMB150 EMC150 EMM150 FMB250 EMC250 EMM250	CAN adapters
898	LVCAN SSF IgnitionOn	1	Unsigned	0	1	-	-		FMBXXX FMB100 FMB110 FMB120 FMB122 FMB125 FMB130 FMB140 EMU120 EMU122 EMU125 EMU126 EMU130 EMC120 EMC122 EMC125 EMC130 EMM125 EMM130 FMB150 EMC150 EMM150 FMB250 EMC250 EMM250	CAN adapters
903	LVCAN SSF EngineWorkingOnCNG	1	Unsigned	0	1	-	-		FMBXXX FMB100 FMB110 FMB120 FMB122 FMB125 FMB130 FMB140 EMU120 EMU122 EMU125 EMU126 EMU130 EMC120 EMC122 EMC125 EMC130 EMM125 EMM130 FMB150 EMC150 EMM150 FMB250 EMC250 EMM250	CAN adapters
911	SSF ClutchPushed	1	Unsigned	0	1	-	-		FMBXXX FMB100 FMB110 FMB120 FMB122 FMB125 FMB130 FMB140 EMU120 EMU122 EMU125 EMU126 EMU130 EMC120 EMC122 EMC125 EMC130 EMM125 EMM130 FMB150 EMC150 EMM150 FMB250 EMC250 EMM250	CAN adapters
913	SSF EngineCoverOpen	1	Unsigned	0	1	-	-		FMBXXX FMB100 FMB110 FMB120 FMB122 FMB125 FMB130 FMB140 EMU120 EMU122 EMU125 EMU126 EMU130 EMC120 EMC122 EMC125 EMC130 EMM125 EMM130 FMB150 EMC150 EMM150 FMB250 EMC250 EMM250	CAN adapters

924	LVCAN SSF CANModuleInSleep	1	Unsigned	0	1	-	-	FMBXXX FMB100 FMB110 FMB120 FMB122 FMB125 FMB130 FMB140 FMB140 EMU120 EMU122 EMU125 EMU126 EMU130 EMG120 EMG122 EMG125 EMG130 EMM125 EMM130 FMB150 EMG150 EMM150 FMB250 EMG250 EMM250	CAN adapters
927	SSF DriveActive	1	Unsigned	0	1	-	-	FMBXXX FMB100 FMB110 FMB120 FMB122 FMB125 FMB130 FMB140 FMB140 EMU120 EMU122 EMU125 EMU126 EMU130 EMG120 EMG122 EMG125 EMG130 EMM125 EMM130 FMB150 EMG150 EMM150 FMB250 EMG250 EMM250	CAN adapters
928	CSF ParkingLightsOn	1	Unsigned	0	1	-	-	FMBXXX FMB100 FMB110 FMB120 FMB122 FMB125 FMB130 FMB140 FMB140 EMU120 EMU122 EMU125 EMU126 EMU130 EMG120 EMG122 EMG125 EMG130 EMM125 EMM130 FMB150 EMG150 EMM150 FMB250 EMG250 EMM250	CAN adapters
929	CSF DippedHeadlightsOn	1	Unsigned	0	1	-	-	FMBXXX FMB100 FMB110 FMB120 FMB122 FMB125 FMB130 FMB140 FMB140 EMU120 EMU122 EMU125 EMU126 EMU130 EMG120 EMG122 EMG125 EMG130 EMM125 EMM130 FMB150 EMG150 EMM150 FMB250 EMG250 EMM250	CAN adapters
930	CSF FullBeamHeadlightsOn	1	Unsigned	0	1	-	-	FMBXXX FMB100 FMB110 FMB120 FMB122 FMB125 FMB130 FMB140 FMB140 EMU120 EMU122 EMU125 EMU126 EMU130 EMG120 EMG122 EMG125 EMG130 EMM125 EMM130 FMB150 EMG150 EMM150 FMB250 EMG250 EMM250	CAN adapters
931	CSF RearFogLightsOn	1	Unsigned	0	1	-	-	FMBXXX FMB100 FMB110 FMB120 FMB122 FMB125 FMB130 FMB140 FMB140 EMU120 EMU122 EMU125 EMU126 EMU130 EMG120 EMG122 EMG125 EMG130 EMM125 EMM130 FMB150 EMG150 EMM150 FMB250 EMG250 EMM250	CAN adapters

932	CSF FrontFogLightsOn	1	Unsigned	0	1	-	-	FMBXXX	CAN adapters
								FMB100	
								FMB110	
								FMB120	
937	CSF CruiseControlOn	1	Unsigned	0	1	-	-	FMB122	CAN adapters
								FMB125	
								FMB130	
								FMB140	
940	CSF DriverSeatbelt	1	Unsigned	0	1	-	-	FMB140	CAN adapters
								FMB150	
								FMB250	
								FMM250	
941	CSF FrontPassSeatbelt	1	Unsigned	0	1	-	-	FMMXXX	CAN adapters
								FMM100	
								FMM110	
								FMM120	
942	CSF RearLeftPassSeatbelt	1	Unsigned	0	1	-	-	FMM122	CAN adapters
								FMM125	
								FMM130	
								FMM140	
943	CSF RearRightPasSeatbelt	1	Unsigned	0	1	-	-	FMM140	CAN adapters
								FMM150	
								FMM250	
								FMM250	

