

Template:FMB010,FMB020,FMP100,FMT100 Teltonika Data Sending Parameters ID

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

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

□

Contents

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

Permanent I/O elements

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

240 Movement 1 Unsigned 0 1 - - 0 - Movement Off
 1 - Movement On

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](#) Permanent I/O
[FMU12](#) elements
[5](#)
[FMB90](#)
[0](#)
[FMB92](#)
[0](#)
[FMB96](#)
[2](#)
[FMB96](#)
[4](#)
[FM300](#)
[1](#)
[FMB20](#)
[2](#)
[FMB20](#)
[4](#)
[FMB20](#)
[6](#)
[FMT10](#)
[0](#)
[MTB10](#)
[0](#)
[FMP10](#)
[0](#)
[MSP50](#)
[0](#)
[FMC80](#)
[0](#)
[FMM8](#)
[00](#)
[FMM8](#)
[0A](#)

80

Data Mode

1

Unsigned

0

5

-

-

- 0 - Home On Stop
- 1 - Home On Moving
- 2 - Roaming On Stop
- 3 - Roaming On Moving
- 4 - Unknown On Stop
- 5 - Unknown On Moving

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

Permanent I/O Elements

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

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

200

Sleep Mode

1

Unsign
ed

0

4

-

-

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

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

Permanent I/O
Elements

69

GNSS Status

1

Unsigned

0

3

-

-

- 0 - GNSS OFF
- 1 - GNSS ON with fix
- 2 - GNSS ON without fix
- 3 - GNSS sleep

FMBXX

X

FMB00

1

FMC00

1

FMB01

0

FMB00

2

FMB02

0

FMB00

3

FMB11

0

FMB12

0

FMB12

2

FMB12

5

FMU12

5

FMB14

0

FMB15

0

FMC15

0

FMM1

50

Permanent I/O 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

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

241 Active GSM Operator 4 Unsigned 0 42949 67295 - - Currently used GSM Operator code

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
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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
[FMU12](#)
5
[FMC12](#)
5
[FMM1](#)
25
[FMB13](#)
0
[FMU13](#) Permanent I/O
0 elements
[FMB13](#)
0
[FMM1](#)
30
[FMB14](#)
0
[FMB90](#)
0
[FMB92](#)
0
[FMB96](#)
2
[FMB96](#)
4
[FMB20](#)
2
[FMB20](#)
4
[FMB20](#)
6
[MTB10](#)
0

179	Digital Output 1	1	Unsigned	0	1	-	-	Logic: 0/1	FMBXX X FMB11 0 FMB12 0 FMB12 2 FMB12 5 FMU12 5 FMC12 5 FMM1 25 FMB13 0 FMU13 0 FMC13 0 FMM1 30 FMB14 0 FMB15 0 FMC15 0 FMM1 50 FMB90 0 FMB92 0 FMB96 2 FMB96 4 FMB20 2 FMB20 4 FMB20 6 MTB10 0	Permanent I/O elements
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12 Fuel Used GPS 4 Unsigned 0 42949 0.001 1 Fuel Used
67295

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

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

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

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

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

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

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

11	ICCID1	8	Unsigned	0	0xffffffff ffffffff	-	-	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 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
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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](#)
[FMB12](#)
[5](#)
[FMC12](#)
[5](#)
[FMB13](#)
[0](#)
[FMB13](#) Permanent I/O
[0](#) elements
[FMB90](#)
[0](#)
[FMB92](#)
[0](#)
[FMB96](#)
[2](#)
[FMB96](#)
[4](#)
[FM300](#)
[1](#)
[FMB20](#)
[2](#)
[FMB20](#)
[4](#)
[FMB20](#)
[6](#)
[FMT10](#)
[0](#)

										FMBXX X FMB90 0 FMB91 0 FMB92 0 FMC92 0 FMM9 20 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 FMB20 2 FMB20 4 FMB20 6 FMB64 0 FMBXX X FMB11 0 FMB12 0 FMB12 2 FMB14 0 FMB15 0 FMC15 0 FMM1 50 FMB20 2 FMB20 4 FMB20 6 FMB64 0	
2	Digital Input 2	1	Unsigned	0	1	-	-	Logic: 0/1		Permanent I/O elements	
3	Digital Input 3	1	Unsigned	0	1	-	-	Logic: 0/1		Permanent I/O elements	

6	Analog Input 2	2	Unsigned	0	65535	0.001	mV	Voltage	FMBXX X FMB11 0 FMB12 0 FMB12 2 FMB13 0 FMU13 0 FMC13 0 FMM1 30 FMB14 0 FMBXX X FMB11 0 FMB12 0 FMB12 2 FMB13 0 FMU13 0 FMC13 0 FMM1 30 FMB14 0	Permanent I/O elements
180	Digital Output 2	1	Unsigned	0	1	-	-	Logic 0/1	FMM1 30 FMB14 0 FMB15 0 FMC15 0 FMM1 50 FMB20 2 FMB20 4 FMB20 6 FMBXX X FMB11 0 FMB12 0 FMB12 2 FMB12 5 FMU12 5 FMC12 5 FMM1 25 FMB13 0 FMB14 0 FMB15 0 FMC15 0 FMM1 50 FMU13 0 FMC13 0 FMM1 30 FMB20 2 FMB20 4 FMB20 6	Permanent I/O elements
72	Dallas Temperature 1	4	Signed	-550	1150	0.1	°C	Degrees (°C), -55 - +115, if 850 - Sensor not ready if 2000 - Value read error if 3000 - Not connected if 4000 - ID failed if 5000 - same as 850	FMB13 0 FMB14 0 FMB15 0 FMC15 0 FMM1 50 FMU13 0 FMC13 0 FMM1 30 FMB20 2 FMB20 4 FMB20 6	Permanent I/O elements

73	Dallas Temperature 2	4	Signed	-550	1150	0.1	°C	Degrees (°C), -55 - +115, if 850 - Sensor not ready if 2000 - Value read error if 3000 - Not connected if 4000 - ID failed if 5000 - same as 850	FMBXX X FMB11 0 FMB12 0 FMB12 2 FMB12 5 FMU12 5 FMC12 5 FMM1 25 FMB13 0 FMB14 0 FMB15 0 FMC15 0 FMM1 50 FMU13 0 FMC13 0 FMM1 30 FMB20 2 FMB20 4 FMB20 6 FMBXX X FMB11 0 FMB12 0 FMB12 2 FMB12 5 FMU12 5 FMC12 5 FMM1 25 FMB13 0 FMB14 0 FMB15 0 FMC15 0 FMM1 50 FMU13 0 FMC13 0 FMM1 30 FMB20 2 FMB20 4 FMB20 6	Permanent I/O elements
74	Dallas Temperature 3	4	Signed	-550	1150	0.1	°C	Degrees (°C), -55 - +115, if 850 - Sensor not ready if 2000 - Value read error if 3000 - Not connected if 4000 - ID failed if 5000 - same as 850	FMBXX X FMB11 0 FMB12 0 FMB12 2 FMB12 5 FMU12 5 FMC12 5 FMM1 25 FMB13 0 FMB14 0 FMB15 0 FMC15 0 FMM1 50 FMU13 0 FMC13 0 FMM1 30 FMB20 2 FMB20 4 FMB20 6	Permanent I/O elements

75	Dallas Temperature	4	4	Signed	-550	1150	0.1	°C	Degrees (°C), -55 - +115, if 850 - Sensor not ready if 2000 - Value read error if 3000 - Not connected if 4000 - ID failed if 5000 - same as 850	FMBXX X FMB11 0 FMB12 0 FMB12 2 FMB12 5 FMB12 5 FMC12 5 FMM1 25 FMB13 0 FMB14 0 FMB15 0 FMC15 0 FMM1 50 FMU13 0 FMC13 0 FMM1 30 FMB20 2 FMB20 4 FMB20 6 FMBXX X FMB11 0 FMB12 0 FMB12 2 FMB12 5 FMU12 5 FMC12 5 FMM1 25 FMB13 0 FMB14 0 FMB15 0 FMC15 0 FMM1 50 FMU13 0 FMC13 0 FMM1 30 FMB20 2 FMB20 4 FMB20 6	Permanent I/O elements
76	Dallas Temperature ID	1	8	Unsigned	0	0xffffffff	-	-	Dallas sensor ID	FMBXX X FMB11 0 FMB12 0 FMB12 2 FMB12 5 FMU12 5 FMC12 5 FMM1 25 FMB13 0 FMB14 0 FMB15 0 FMC15 0 FMM1 50 FMU13 0 FMC13 0 FMM1 30 FMB20 2 FMB20 4 FMB20 6	Permanent I/O elements

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

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

113	Battery Level	1	Unsigned	0	100	-	%	Battery capacity level	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
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238	User ID	8	Unsigned	0	0xffffffff ffffffff	-	-	MAC address of NMEA receiver device connected via Bluetooth	FMBXX X FMB00 1 FMC00 1 FMB01 0 FMB11 0 FMB12 0 FMB12 2 FMB12 5 FMB13 0 FMB14 0 FMB15 0 FMC15 0 FMM1 50 FMB90 0 FMB92 0 FMB20 2 FMB20 4 FMB20 6 FMT10 0 FMP10 0 FMC00 1 FMC12 5 FMC13 0 FMM0 01 FMM1 25 FMM1 30 FMC80 0 FMM8 00 FMM8 0A FMC88 0 FMM8 80 FMC25 0	Permanent I/O elements
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237	Network Type	1	Unsigned	0	1	-	-	0 - 3G 1 - GSM 2 - 4G 3 - LTE CAT M1 4 - LTE CAT NB1 99 - Unknown	FM300 1 FMU12 5 FMU12 6 FMU13 0 FMC12 5 FMC13 0 FMC15 0 FMM1 25 FMM1 30 FMM1 50 FMC00 1 FMM0 01 FMC80 0 FMM8 00 FMC88 0 FMM8 80 FMM8 0A FMB11 0 FMB12 0	Permanent I/O elements
8	Authorized iButton	8	Unsigned	0	0xffffffff	-	-	If ID is shown in this I/O that means that attached iButton is in iButton List	FMB12 0 FMB12 2 FMB12 5 FMBXX X FMB11 0 FMB12 0 FMB12 2 FMB12 5 FMB12 5	Permanent I/O elements
4	Pulse Counter Din1	4	Unsigned	0	4294967295	-	-	Counts pulses, count is reset when records are saved	FMB12 5 FMC12 5 FMM1 25 FMB13 0 FMU13 0 FMC13 0 FMM1 30 FMBXX X FMB11 0 FMB12 0 FMB12 2	Permanent I/O elements
5	Pulse Counter Din2	4	Unsigned	0	4294967295	-	-	Counts pulses, count is reset when records are saved	FMB12 2 FMB13 0 FMU13 0 FMC13 0 FMM1 30	Permanent I/O elements

263	BT Status	1	Unsigned	0	4	-	-	<p>0 - BT is disabled 1 - BT Enabled, not device connected 2 - Device connected, BTv3 Only 3 - Device connected, BLE only 4 - Device connected, BLE + BT</p>	<p>FMBXX X FMB00 1 FMC00 1 FMB01 0 FMB11 0 FMB12 0 FMB12 2 FMB12 5 FMU12 5 FMC12 5 FMM1 25 FMB13 0 FMU13 0 FMC13 0 FMM1 30 FMB14 0 FMB15 0 FMC15 0 FMM1 50 FMB90 0 FMB92 0 FMB96 2 FMB96 4 FM300 1 FMB20 2 FMB20 4 FMB20 6 FMT10 0 MTB10 0 FMC80 0 FMM8 00 FMM8 0A</p>	Permanent I/O elements
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										FMBXX X FMB00 1 FMB01 0 FMB11 0 FMB12 0 FMB12 2 FMB12 5 FMU12 5 FMC12 5 FMM1 25 FMB13 0 FMU13 0 FMC13 0 FMM1 30	
264	Barcode ID	Variable	ASCII	0	32	-	-	Barcode ID		FMB14 0 FMB15 0 FMC15 0 FMM1 50 FMB90 0 FMB92 0 FMB96 2 FMB96 4 FM300 1 FMB20 2 FMB20 4 FMB20 6 FMT10 0 MTB10 0 FMB12 5 FMB12 5 FMU12 5 FMC12 5 FMM1 25	Permanent I/O elements
269	Escort LLS Temperature #1	2	Signed	-128	127	-	°C	Fuel temperature		FMB12 5 FMU12 5 FMC12 5 FMM1 25	Permanent I/O elements
270	Escort LLS Fuel level #1	2	Unsigned	0	65535	-	-	Fuel Level		FMB12 5 FMU12 5 FMC12 5 FMM1 25	Permanent I/O elements
271	Escort LLS Battery Voltage #1	2	Unsigned	0	65535	0.01	V	Battery Voltage		FMB12 5 FMU12 5 FMC12 5 FMM1 25	Permanent I/O elements

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

280	Escort LLS Battery Voltage #4	2	Unsigned	0	65535	0.01	V	Battery Voltage	FMB12 5 FMB12 5 FMU12 5 FMC12 5 FMM1 25 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	Permanent I/O elements
303	Instant Movement	1	Unsigned	0	1	-	-	Logic: 0/1 returns movement value	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 FMB12 5 FMB12 5	Permanent I/O elements
327	UL202-02 Sensor Fuel level	2	Signed	-150	32767	0.1	mm	UL202-02 Sensor Fuel level	FMU12 5 FMC12 5 FMM1 25	Permanent I/O elements

483	UL202-02 Sensor Status	1	Unsigned	0	255	-	-	UL202-02 sensor status codes	FMB125 FMB125 FMC125 FMM125 FMBXX X FMB130 FMU130	Permanent I/O elements
380	Digital output 3	1	Unsigned	0	1	-	-	Logic: 0/1	FMC130 FMC150 FMM130 FMB130 FMU130	Permanent I/O elements
381	Ground Sense	1	Unsigned	0	1	-	-	Logic: 0/1	FMC130 FMM130 FMB140	Permanent I/O elements

387	ISO6709 Coordinates	34	HEX	0	0x7fffff fffffff	-	-	ISO6709 Coordinates Latitude, Longitude (in Degrees, Minutes and Seconds) and Altitude: IO value format: ±DDMMSS.SSSS±DDMMSS.SSSS±AAA.AAA/	FMBXX X FMB00 1 FMC00 1 FMB01 0 FMB00 2 FMB02 0 FMB00 3 FMB11 0 FMB12 0 FMB12 2 FMB12 5 FMU12 5 FMC12 5 FMB13 0 FMU13 0 FMC13 0 FMB14 0 FMB15 0 FMC15 0 FMM1 50 FMB90 0 FMB92 0 FMB91 0 FMB96 2 FMB96 4 FM300 1 FMB20 2 FMB20 4 FMB20 6 FMT10 0 MTB10 0 FMP10 0 FMB14 0 MSP50 0 FMC80 0 FMM8 00 FMM8 0A	Permanent I/O elements
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											FMBXX X FMU125 FMU126 FMU130 FMC001 FMC125 FMC130 FMM001 FMM125 FMM130 FMC150 FMM150 FMC800 FMM800 FMM80A	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)			FMBXX X FMU126	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			FMBXX X FMU126	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			FMBXX X FMU126	Permanent I/O elements
406	Driver Card ID	4	Unsigned	0	42949 67295	-	-	None - 0 Male - 1 Female - 2			FMBXX X FMU126	Permanent I/O elements
407	Driver card expiration date	1	Unsigned	0	9999	-	-				FMBXX X FMU126	Permanent I/O elements
408	Driver Card place of issue	4	Unsigned	0	65535	-	-	Extracted from card			FMBXX X FMU126	Permanent I/O Elements
409	Driver Status Event	1	Unsigned	0	2	-	-	Registered - 0 Deregistered - 1 Swapping - 2			FMBXX X FMU126	Permanent I/O elements
329	AIN Speed	2	Unsigned	0	65535	-	-				MSP500	Permanent I/O elements
500	MSP500 vendor name	40	ASCII	0	40	-	-	Name of the integrator who installed the device			MSP500	Permanent I/O elements
501	MSP500 vehicle number	40	ASCII	0	40	-	-	Vehicle number on which the device is installed			MSP500	Permanent I/O elements
502	MSP500 speed sensor	1	unsigned	0	1	-	-	Status of the speed sensor			MSP500	Permanent I/O elements
637	Wake Reason	1	Unsigned	0	1	-	-	True if device was woken by RTC alarm			FMB965	Permanent I/O elements

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	FM8XX1 124000	Eventual IO elements
										124001	
										124002	
										124003	
										124004	
										124005	
										124006	
										124007	
										124008	
										124009	
										124010	
										124011	
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	FM8XX1 124012	Eventual IO elements
										124013	
										124014	
										124015	
										124016	
										124017	
										124018	
										124019	
										124020	
										124021	
										124022	
										124023	
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	FM8XX1 124024	Eventual IO elements
										124025	
										124026	
										124027	
										124028	
										124029	
										124030	
										124031	
										124032	
										124033	
										124034	
										124035	
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	FM8XX1 124036	Eventual IO elements
										124037	
										124038	
										124039	
										124040	
										124041	
										124042	
										124043	
										124044	
										124045	
										124046	
										124047	
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	FM8XX1 124048	Eventual IO elements
										124049	
										124050	
										124051	
										124052	
										124053	
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										124055	
										124056	
										124057	
										124058	
										124059	
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	FM8XX1 124060	Eventual IO elements
										124061	
										124062	
										124063	
										124064	
										124065	
										124066	
										124067	
										124068	
										124069	
										124070	
										124071	
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	FM8XX1 124072	Eventual IO elements
										124073	
										124074	
										124075	
										124076	
										124077	
										124078	
										124079	
										124080	
										124081	
										124082	
										124083	
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	FM8XX1 124084	Eventual IO elements
										124085	
										124086	
										124087	
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										124092	
										124093	
										124094	
										124095	

Id	Name	Count	Status	Group	Value	Target	Start	End	Notes	Links	Type
64	Confidence zone 09	1	Unassigned	0	3	-	-	-	0 - target left zone	E091100	Eventual IO elements
									1 - target entered zone	E091101	
									2 - over spending end	E091102	
									3 - over spending start	E091103	
									0 - target left zone	E091104	
									1 - target entered zone	E091105	
									2 - over spending end	E091106	
									3 - over spending start	E091107	
									0 - target left zone	E091108	
									1 - target entered zone	E091109	
									2 - over spending end	E091110	
									3 - over spending start	E091111	
65	Confidence zone 10	1	Unassigned	0	3	-	-	-	0 - target left zone	E101100	Eventual IO elements
									1 - target entered zone	E101101	
									2 - over spending end	E101102	
									3 - over spending start	E101103	
									0 - target left zone	E101104	
									1 - target entered zone	E101105	
									2 - over spending end	E101106	
									3 - over spending start	E101107	
									0 - target left zone	E101108	
									1 - target entered zone	E101109	
									2 - over spending end	E101110	
									3 - over spending start	E101111	
70	Confidence zone 11	1	Unassigned	0	3	-	-	-	0 - target left zone	E111100	Eventual IO elements
									1 - target entered zone	E111101	
									2 - over spending end	E111102	
									3 - over spending start	E111103	
									0 - target left zone	E111104	
									1 - target entered zone	E111105	
									2 - over spending end	E111106	
									3 - over spending start	E111107	
									0 - target left zone	E111108	
									1 - target entered zone	E111109	
									2 - over spending end	E111110	
									3 - over spending start	E111111	
88	Confidence zone 12	1	Unassigned	0	3	-	-	-	0 - target left zone	E121100	Eventual IO elements
									1 - target entered zone	E121101	
									2 - over spending end	E121102	
									3 - over spending start	E121103	
									0 - target left zone	E121104	
									1 - target entered zone	E121105	
									2 - over spending end	E121106	
									3 - over spending start	E121107	
									0 - target left zone	E121108	
									1 - target entered zone	E121109	
									2 - over spending end	E121110	
									3 - over spending start	E121111	
91	Confidence zone 13	1	Unassigned	0	3	-	-	-	0 - target left zone	E131100	Eventual IO elements
									1 - target entered zone	E131101	
									2 - over spending end	E131102	
									3 - over spending start	E131103	
									0 - target left zone	E131104	
									1 - target entered zone	E131105	
									2 - over spending end	E131106	
									3 - over spending start	E131107	
									0 - target left zone	E131108	
									1 - target entered zone	E131109	
									2 - over spending end	E131110	
									3 - over spending start	E131111	
92	Confidence zone 14	1	Unassigned	0	3	-	-	-	0 - target left zone	E141100	Eventual IO elements
									1 - target entered zone	E141101	
									2 - over spending end	E141102	
									3 - over spending start	E141103	
									0 - target left zone	E141104	
									1 - target entered zone	E141105	
									2 - over spending end	E141106	
									3 - over spending start	E141107	
									0 - target left zone	E141108	
									1 - target entered zone	E141109	
									2 - over spending end	E141110	
									3 - over spending start	E141111	
93	Confidence zone 15	1	Unassigned	0	3	-	-	-	0 - target left zone	E151100	Eventual IO elements
									1 - target entered zone	E151101	
									2 - over spending end	E151102	
									3 - over spending start	E151103	
									0 - target left zone	E151104	
									1 - target entered zone	E151105	
									2 - over spending end	E151106	
									3 - over spending start	E151107	
									0 - target left zone	E151108	
									1 - target entered zone	E151109	
									2 - over spending end	E151110	
									3 - over spending start	E151111	
94	Confidence zone 16	1	Unassigned	0	3	-	-	-	0 - target left zone	E161100	Eventual IO elements
									1 - target entered zone	E161101	
									2 - over spending end	E161102	
									3 - over spending start	E161103	
									0 - target left zone	E161104	
									1 - target entered zone	E161105	
									2 - over spending end	E161106	
									3 - over spending start	E161107	
									0 - target left zone	E161108	
									1 - target entered zone	E161109	
									2 - over spending end	E161110	
									3 - over spending start	E161111	
95	Confidence zone 17	1	Unassigned	0	3	-	-	-	0 - target left zone	E171100	Eventual IO elements
									1 - target entered zone	E171101	
									2 - over spending end	E171102	
									3 - over spending start	E171103	
									0 - target left zone	E171104	
									1 - target entered zone	E171105	
									2 - over spending end	E171106	
									3 - over spending start	E171107	
									0 - target left zone	E171108	
									1 - target entered zone	E171109	
									2 - over spending end	E171110	
									3 - over spending start	E171111	

ID	Code	Count	Status	Start	End	Unit	Description	Eventual IO elements
226	Confence zone 45	1	Unassigned	0	3	-	-	0 - target left zone
								1 - target entered zone
								2 - over speeding end 3 - over speeding start
227	Confence zone 46	1	Unassigned	0	3	-	-	0 - target left zone
								1 - target entered zone
								2 - over speeding end 3 - over speeding start
228	Confence zone 47	1	Unassigned	0	3	-	-	0 - target left zone
								1 - target entered zone
								2 - over speeding end 3 - over speeding start
229	Confence zone 48	1	Unassigned	0	3	-	-	0 - target left zone
								1 - target entered zone
								2 - over speeding end 3 - over speeding start
230	Confence zone 49	1	Unassigned	0	3	-	-	0 - target left zone
								1 - target entered zone
								2 - over speeding end 3 - over speeding start
231	Confence zone 50	1	Unassigned	0	3	-	-	0 - target left zone
								1 - target entered zone
								2 - over speeding end 3 - over speeding start
175	Auto Guidance	1	Unassigned	0	1	-	-	0 - target left zone
								1 - target entered zone
250	Trip	1	Unassigned	0	1	-	-	0 - trip start
								1 - trip start
								2 - Business Status 3 - Private Status 4.0 - Custom Statues
255	Over Speeding	1	Unassigned	0	255	-	km/h	At over speeding start km/h, at over speeding end km/h

FM8XX 240000
240001
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240100

Event ID	Event Name	Variable	Unit	Min	Max	Min	Max	Event Description	Event ID	Event Name
257	Crash trace data	Variable	HEX	0	1200	-	-	Crash trace data	FMXXXX [Expanded]	Eventual IO 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]	Eventual IO elements
251	Idling	1	Unassigned	0	1	-	-	0 - moving 1 - idling	FMXXXX [Expanded]	Eventual IO elements
253	Green driving type	1	Unassigned	1	3	-	-	1 - harsh acceleration 2 - harsh braking 3 - harsh cornering	FMXXXX [Expanded]	Eventual IO elements
246	Towing	1	Unassigned	0	1	-	-	0 - steady 1 - towing	FMXXXX [Expanded]	Eventual IO elements
252	Unlpyg	1	Unassigned	0	1	-	-	0 - battery present 1 - battery unplugged	FMXXXX [Expanded]	Eventual IO elements
247	Crash detection	1	Unassigned	1	6	-	-	1 - real crash detected (device is calibrated) 2 - limited crash trace (device not calibrated) 3 - 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, parked) 8 - fake crash detected (device calibrated, speed check)	FMXXXX [Expanded]	Eventual IO elements
248	Immobilizer	1	Unassigned	0	2	-	-	0 - Illyton not connected 1 - Illyton connected (Immobilizer) 2 - Illyton connected (Authorized Driving)	FMXXXX [Expanded]	Eventual IO 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]	Eventual IO elements
249	Jamming	1	Unassigned	0	1	-	-	0 - jamming stop 1 - jamming start	FMXXXX [Expanded]	Eventual IO elements

Property ID in AVL packet	Property Name	Bytes	Type	Value range Min Max	Multiplier	Units	Description	HW Support	Parameter Group
14	ICCIDI	8	Unsigned	0 0xFFFFFFFFFFFFFF	-	-	Value of SIM ICCID_LSB	Eventual I/O elements	
243	Green driving event duration	2	Unsigned	0 65535	-	ms	Duration of event that did generate Green driving	Eventual I/O elements	
256	Alarm	1	Unsigned	0 1	-	-	0 - Reserved 1 - Alarm event occurred	Eventual I/O elements	
258	EcoMaximum	8	Unsigned	0 0xFFFFFFFFFFFFFF	-	-	Element stores maximum accelerometer values in mg on all axis during Eco driving event	Eventual I/O elements	
259	EcoAverage	8	Unsigned	0 0xFFFFFFFFFFFFFF	-	-	Element stores average accelerometer values in mg on all axis during Eco driving event	Eventual I/O elements	
260	EcoDuration	2	Unsigned	0 65535	-	ms	Duration of Eco driving event in milliseconds	Eventual I/O elements	
263	Driving State	1	Unsigned	0 3	-	-	1 - Ignition ON 2 - Driving 3 - Ignition OFF	Eventual I/O elements	
264	Driving Records	2	Unsigned	0 65535	-	-	Number of records between Ignition ON and Ignition OFF	Eventual I/O elements	
301	Private mode	1	Unsigned	0 255	-	-	Private mode state 0 - Private mode off 1 - Private mode on	Eventual I/O elements	
317	Crash event counter	1	Unsigned	0 255	-	-	Connects trace with specific eventual crash record	Eventual I/O elements	
449	Ignition On Counter	4	Unsigned	0 2147483647	-	s	0 - Disable 1 - Enable	Eventual I/O elements	

BLE Sensors I/O elements

Property ID in AVL packet	Property Name	Bytes	Type	Value range Min Max	Multiplier	Units	Description	HW Support	Parameter Group
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385

Beacon

Variable

HEX

0

1024

-

-

List of Beacon IDs

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

Permanent I/O elements

548	Advanced BLE Beacon data	1024	HEX	0	1024	-	-	List of Beacon Ids and their data when advanced Beacon mode is selected	FMBX XX FMB0 01 FMC0 01 FMB0 10 FMB0 02 FMB0 20 FMB0 03 FMB1 10 FMB1 20 FMB1 22 FMB1 25 FMU1 25 FMC1 25 FMB1 30 FMU1 30 FMC1 30 FMB1 40 FMB1 50 FMC1 50 FMM 150 FMB9 00 FMB9 20 FMB9 10 FMB9 62 FMB9 64 FM30 01 FMB2 02 FMB2 04 FMB2 06 FMT1 00 MTB1 00 FMP1 00 FMB1 40 FMC8 00 FMM 800 FMM 80A	Eventual I/O elements
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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	FMBX XX FMB0 01 FMC0 01 FMB0 10 FMB0 02 FMB0 20 FMB0 03 FMB1 10 FMB1 20 FMB1 22 FMB1 25 FMU1 25 FMC1 25 FMB1 30 FMU1 30 FMC1 30 FMB1 40 FMB1 50 FMC1 50 FMM 150 FMB9 00 FMB9 20 FMB9 10 FMB9 62 FMB9 64 FM30 01 FMB2 02 FMB2 04 FMB2 06 FMT1 00 MTB1 00 FMP1 00 FMB1 40 MSP5 00 FMC8 00 FMM 800 FMM 80A	Bluetooth Low Energy
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26	BLE Temperature #2	2	Signed	-4000 12500 0.01*	°C	Degrees (°C), -40 - +125; Error codes: 4000 - abnormal sensor state 3000 - sensor not found 2000 - failed sensor data parsing	FMBX XX FMB0 01 FMC0 01 FMB0 10 FMB0 02 FMB0 20 FMB0 03 FMB1 10 FMB1 20 FMB1 22 FMB1 25 FMU1 25 FMC1 25 FMB1 30 FMU1 30 FMC1 30 FMB1 40 FMB1 50 FMC1 50 FMM 150 FMB9 00 FMB9 20 FMB9 10 FMB9 62 FMB9 64 FM30 01 FMB2 02 FMB2 04 FMB2 06 FMT1 00 MTB1 00 FMP1 00 FMB1 40 MSP5 00 FMC8 00 FMM 800 FMM 80A	Bluetooth Low Energy
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27	BLE Temperature #3	2	Signe d	-4000 12500 0.01*	°C	Degrees (°C), -40 - +125; Error codes: 4000 - abnormal sensor state 3000 - sensor not found 2000 - failed sensor data parsing	FMBX XX FMB0 01 FMC0 01 FMB0 10 FMB0 02 FMB0 20 FMB0 03 FMB1 10 FMB1 20 FMB1 22 FMB1 25 FMU1 25 FMC1 25 FMB1 30 FMU1 30 FMC1 30 FMB1 40 FMB1 50 FMC1 50 FMM 150 FMB9 00 FMB9 20 FMB9 10 FMB9 62 FMB9 64 FM30 01 FMB2 02 FMB2 04 FMB2 06 FMT1 00 MTB1 00 FMP1 00 FMB1 40 MSP5 00 FMC8 00 FMM 800 FMM 80A	Bluetooth Low Energy
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28	BLE Temperature #4	2	Signed	-4000 12500 0.01*	°C	Degrees (°C), -40 - +125; Error codes: 4000 - abnormal sensor state 3000 - sensor not found 2000 - failed sensor data parsing	FMBX XX FMB0 01 FMC0 01 FMB0 10 FMB0 02 FMB0 20 FMB0 03 FMB1 10 FMB1 20 FMB1 22 FMB1 25 FMU1 25 FMC1 25 FMB1 30 FMU1 30 FMC1 30 FMB1 40 FMB1 50 FMC1 50 FMM 150 FMB9 00 FMB9 20 FMB9 10 FMB9 62 FMB9 64 FM30 01 FMB2 02 FMB2 04 FMB2 06 FMT1 00 MTB1 00 FMP1 00 FMB1 40 MSP5 00 FMC8 00 FMM 800 FMM 80A	Bluetooth Low Energy
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29	BLE Battery #1	1	Unsigned	0	100	-	%	Battery level of sensor #1	FMBX XX FMB0 01 FMC0 01 FMB0 10 FMB0 02 FMB0 20 FMB0 03 FMB1 10 FMB1 20 FMB1 22 FMB1 25 FMU1 25 FMC1 25 FMB1 30 FMU1 30 FMC1 30 FMB1 40 FMB1 50 FMC1 50 FMM 150 FMB9 00 FMB9 20 FMB9 10 FMB9 62 FMB9 64 FM30 01 FMB2 02 FMB2 04 FMB2 06 FMT1 00 MTB1 00 FMP1 00 FMB1 40 MSP5 00 FMC8 00 FMM 800 FMM 80A	Bluetooth Low Energy
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20	BLE Battery #2	1	Unsigned	0	100	-	%	Battery level of sensor #2	FMBX XX FMB0 01 FMC0 01 FMB0 10 FMB0 02 FMB0 20 FMB0 03 FMB1 10 FMB1 20 FMB1 22 FMB1 25 FMU1 25 FMC1 25 FMB1 30 FMU1 30 FMC1 30 FMB1 40 FMB1 50 FMC1 50 FMM 150 FMB9 00 FMB9 20 FMB9 10 FMB9 62 FMB9 64 FM30 01 FMB2 02 FMB2 04 FMB2 06 FMT1 00 MTB1 00 FMP1 00 FMB1 40 MSP5 00 FMC8 00 FMM 800 FMM 80A	Bluetooth Low Energy
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22	BLE Battery #3	1	Unsigned	0	100	-	%	Battery level of sensor #3	FMBX XX FMB0 01 FMC0 01 FMB0 10 FMB0 02 FMB0 20 FMB0 03 FMB1 10 FMB1 20 FMB1 22 FMB1 25 FMU1 25 FMC1 25 FMB1 30 FMU1 30 FMC1 30 FMB1 40 FMB1 50 FMC1 50 FMM 150 FMB9 00 FMB9 20 FMB9 10 FMB9 62 FMB9 64 FM30 01 FMB2 02 FMB2 04 FMB2 06 FMT1 00 MTB1 00 FMP1 00 FMB1 40 MSP5 00 FMC8 00 FMM 800 FMM 80A	Bluetooth Low Energy
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23	BLE Battery #4	1	Unsigned	0	100	-	%	Battery level of sensor #4	FMBX XX FMB0 01 FMC0 01 FMB0 10 FMB0 02 FMB0 20 FMB0 03 FMB1 10 FMB1 20 FMB1 22 FMB1 25 FMU1 25 FMC1 25 FMB1 30 FMU1 30 FMC1 30 FMB1 40 FMB1 50 FMC1 50 FMM 150 FMB9 00 FMB9 20 FMB9 10 FMB9 62 FMB9 64 FM30 01 FMB2 02 FMB2 04 FMB2 06 FMT1 00 MTB1 00 FMP1 00 FMB1 40 MSP5 00 FMC8 00 FMM 800 FMM 80A	Bluetooth Low Energy
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[FMBX](#)
[XX](#)
[FMB0](#)
[01](#)
[FMC0](#)
[01](#)
[FMB0](#)
[10](#)
[FMB0](#)
[02](#)
[FMB0](#)
[20](#)
[FMB0](#)
[03](#)
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[FMB1](#)
[50](#)
[FMC1](#)
[50](#)
[FMM](#)
[150](#)
[FMB9](#)
[00](#)
[FMB9](#)
[20](#)
[FMB9](#)
[10](#)
[FMB9](#)
[62](#)
[FMB9](#)
[64](#)
[FM30](#)
[01](#)
[FMB2](#)
[02](#)
[FMB2](#)
[04](#)
[FMB2](#)
[06](#)
[FMT1](#)
[00](#)
[MTB1](#)
[00](#)
[FMP1](#)
[00](#)
[FMB1](#)
[40](#)
[MSP5](#)
[00](#)
[FMC8](#)
[00](#)
[FMM](#)
[800](#)
[FMM](#)
[80A](#)

86	BLE Humidity #1	2	Unsigned	0	1000	0.1*	%RH	Humidity
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Bluetooth
Low Energy

104	BLE Humidity #2	2	Unsigned	0	1000	0.1*	%RH	Humidity	FMBX XX FMB0 01 FMC0 01 FMB0 10 FMB0 02 FMB0 20 FMB0 03 FMB1 10 FMB1 20 FMB1 22 FMB1 25 FMU1 25 FMC1 25 FMB1 30 FMU1 30 FMC1 30 FMB1 40 FMB1 50 FMC1 50 FMM 150 FMB9 00 FMB9 20 FMB9 10 FMB9 62 FMB9 64 FM30 01 FMB2 02 FMB2 04 FMB2 06 FMT1 00 MTB1 00 FMP1 00 FMB1 40 MSP5 00 FMC8 00 FMM 800 FMM 80A	Bluetooth Low Energy
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106	BLE Humidity #3	2	Unsigned	0	1000	0.1*	%RH	Humidity	FMBX XX FMB0 01 FMC0 01 FMB0 10 FMB0 02 FMB0 20 FMB0 03 FMB1 10 FMB1 20 FMB1 22 FMB1 25 FMU1 25 FMC1 25 FMB1 30 FMU1 30 FMC1 30 FMB1 40 FMB1 50 FMC1 50 FMM 150 FMB9 00 FMB9 20 FMB9 10 FMB9 62 FMB9 64 FM30 01 FMB2 02 FMB2 04 FMB2 06 FMT1 00 MTB1 00 FMP1 00 FMB1 40 MSP5 00 FMC8 00 FMM 800 FMM 80A	Bluetooth Low Energy
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108	BLE Humidity #4	2	Unsigned	0	1000	0.1*	%RH	Humidity	FMBX XX FMB0 01 FMC0 01 FMB0 10 FMB0 02 FMB0 20 FMB0 03 FMB1 10 FMB1 20 FMB1 22 FMB1 25 FMU1 25 FMC1 25 FMB1 30 FMU1 30 FMC1 30 FMB1 40 FMB1 50 FMC1 50 FMM 150 FMB9 00 FMB9 20 FMB9 10 FMB9 62 FMB9 64 FM30 01 FMB2 02 FMB2 04 FMB2 06 FMT1 00 MTB1 00 FMP1 00 FMB1 40 MSP5 00 FMC8 00 FMM 800 FMM 80A	Bluetooth Low Energy
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279	BLE Fuel Level #4	2	Unsigned	0	65535	-	-	Fuel Level	FMBX XX FMB0 01 FMC0 01 FMB0 10 FMB0 02 FMB0 20 FMB0 03 FMB1 10 FMB1 20 FMB1 22 FMB1 25 FMU1 25 FMC1 25 FMB1 30 FMU1 30 FMC1 30 FMB1 40 FMB1 50 FMC1 50 FMM 150 FMB9 00 FMB9 20 FMB9 10 FMB9 62 FMB9 64 FM30 01 FMB2 02 FMB2 04 FMB2 06 FMT1 00 MTB1 00 FMP1 00 FMB1 40 MSP5 00 FMC8 00 FMM 800 FMM 80A	Bluetooth Low Energy
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									FMBX	
									XX	
									FMB0	
									01	
									FMC0	
									01	
									FMB0	
									10	
									FMB0	
									02	
									FMB0	
									20	
									FMB0	
									03	
									FMB1	
									10	
									FMB1	
									20	
									FMB1	
									22	
									FMB1	
									25	
									FMU1	
									25	
									FMC1	
									25	
									FMB1	
									30	
									FMU1	
									30	
									FMC1	
									30	
									FMB1	
									40	
									FMB1	
									50	
306	BLE Fuel Frequency #1	4	Unsigned	0	21474	-	-	Frequency value of BLE fuel sensor #1	FMC1	Bluetooth
			ned		83647				50	Low Energy
									FMM	
									150	
									FMB9	
									00	
									FMB9	
									20	
									FMB9	
									10	
									FMB9	
									62	
									FMB9	
									64	
									FM30	
									01	
									FMB2	
									02	
									FMB2	
									04	
									FMB2	
									06	
									FMT1	
									00	
									MTB1	
									00	
									FMP1	
									00	
									FMB1	
									40	
									MSP5	
									00	
									FMC8	
									00	
									FMM	
									800	
									FMM	
									80A	

307	BLE Fuel Frequency #2	4	Unsigned	0	2147483647	-	-	Frequency value of BLE fuel sensor #2	FMBX XX FMB0 01 FMC0 01 FMB0 10 FMB0 02 FMB0 20 FMB0 03 FMB1 10 FMB1 20 FMB1 22 FMB1 25 FMU1 25 FMC1 25 FMB1 30 FMU1 30 FMC1 30 FMB1 40 FMB1 50 FMC1 50 FMM 150 FMB9 00 FMB9 20 FMB9 10 FMB9 62 FMB9 64 FM30 01 FMB2 02 FMB2 04 FMB2 06 FMT1 00 MTB1 00 FMP1 00 FMB1 40 MSP5 00 FMC8 00 FMM 800 FMM 80A	Bluetooth Low Energy
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									FMBX	
									XX	
									FMB0	
									01	
									FMC0	
									01	
									FMB0	
									10	
									FMB0	
									02	
									FMB0	
									20	
									FMB0	
									03	
									FMB1	
									10	
									FMB1	
									20	
									FMB1	
									22	
									FMB1	
									25	
									FMU1	
									25	
									FMC1	
									25	
									FMB1	
									30	
									FMU1	
									30	
									FMC1	
									30	
									FMB1	
									40	
									FMB1	
									50	
308	BLE Fuel Frequency #3	4	Unsigned	0	21474	-	-	Frequency value of BLE fuel sensor #3	FMC1	Bluetooth
					83647				50	Low Energy
									FMM	
									150	
									FMB9	
									00	
									FMB9	
									20	
									FMB9	
									10	
									FMB9	
									62	
									FMB9	
									64	
									FM30	
									01	
									FMB2	
									02	
									FMB2	
									04	
									FMB2	
									06	
									FMT1	
									00	
									MTB1	
									00	
									FMP1	
									00	
									FMB1	
									40	
									MSP5	
									00	
									FMC8	
									00	
									FMM	
									800	
									FMM	
									80A	

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

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

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

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

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

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

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

										FMBX XX FMB0 01 FMC0 01 FMB0 10 FMB0 02 FMB0 20 FMB0 03 FMB1 10 FMB1 20 FMB1 22 FMB1 25 FMU1 25 FMC1 25 FMB1 30 FMU1 30 FMC1 30 FMB1 40 FMB1 50 FMC1 50 FMM 150 FMB9 00 FMB9 20 FMB9 10 FMB9 62 FMB9 64 FM30 01 FMB2 02 FMB2 04 FMB2 06 FMT1 00 MTB1 00 FMP1 00 FMB1 40 MSP5 00 FMC8 00 FMM 800 FMM 80A	
332	BLE 2 Custom #1	Variable	HEX	0	-	-	-	Custom IO element for BLE sensor		Bluetooth Low Energy	

467	BLE 2 Custom #2	8	UNSI GNED LONG INT	0	42949 67295	-	-	Custom IO element for BLE sensor	FMBX XX FMB0 01 FMC0 01 FMB0 10 FMB0 02 FMB0 20 FMB0 03 FMB1 10 FMB1 20 FMB1 22 FMB1 25 FMU1 25 FMC1 25 FMB1 30 FMU1 30 FMC1 30 FMB1 40 FMB1 50 FMC1 50 FMM 150 FMB9 00 FMB9 20 FMB9 10 FMB9 62 FMB9 64 FM30 01 FMB2 02 FMB2 04 FMB2 06 FMT1 00 MTB1 00 FMP1 00 FMB1 40 MSP5 00 FMC8 00 FMM 800 FMM 80A	Bluetooth Low Energy
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468	BLE 2 Custom #3	8	UNSI GNED LONG INT	0	42949 67295	-	-	Custom IO element for BLE sensor	FMBX XX FMB0 01 FMC0 01 FMB0 10 FMB0 02 FMB0 20 FMB0 03 FMB1 10 FMB1 20 FMB1 22 FMB1 25 FMU1 25 FMC1 25 FMB1 30 FMU1 30 FMC1 30 FMB1 40 FMB1 50 FMC1 50 FMM 150 FMB9 00 FMB9 20 FMB9 10 FMB9 62 FMB9 64 FM30 01 FMB2 02 FMB2 04 FMB2 06 FMT1 00 MTB1 00 FMP1 00 FMB1 40 MSP5 00 FMC8 00 FMM 800 FMM 80A	Bluetooth Low Energy
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469	BLE 2 Custom #4	8	UNSI GNED LONG INT	0	42949 67295	-	-	Custom IO element for BLE sensor	FMBX XX FMB0 01 FMC0 01 FMB0 10 FMB0 02 FMB0 20 FMB0 03 FMB1 10 FMB1 20 FMB1 22 FMB1 25 FMU1 25 FMC1 25 FMB1 30 FMU1 30 FMC1 30 FMB1 40 FMB1 50 FMC1 50 FMM 150 FMB9 00 FMB9 20 FMB9 10 FMB9 62 FMB9 64 FM30 01 FMB2 02 FMB2 04 FMB2 06 FMT1 00 MTB1 00 FMP1 00 FMB1 40 MSP5 00 FMC8 00 FMM 800 FMM 80A	Bluetooth Low Energy
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470	BLE 2 Custom #5	8	UNSI GNED LONG INT	0	42949 67295	-	-	Custom IO element for BLE sensor	FMBX XX FMB0 01 FMC0 01 FMB0 10 FMB0 02 FMB0 20 FMB0 03 FMB1 10 FMB1 20 FMB1 22 FMB1 25 FMU1 25 FMC1 25 FMB1 30 FMU1 30 FMC1 30 FMB1 40 FMB1 50 FMC1 50 FMM 150 FMB9 00 FMB9 20 FMB9 10 FMB9 62 FMB9 64 FM30 01 FMB2 02 FMB2 04 FMB2 06 FMT1 00 MTB1 00 FMP1 00 FMB1 40 MSP5 00 FMC8 00 FMM 800 FMM 80A	Bluetooth Low Energy
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333	BLE 3 Custom #1	Variable	HEX	0	-	-	-	Custom IO element for BLE sensor	FMBX XX FMB0 01 FMC0 01 FMB0 10 FMB0 02 FMB0 20 FMB0 03 FMB1 10 FMB1 20 FMB1 22 FMB1 25 FMU1 25 FMC1 25 FMB1 30 FMU1 30 FMC1 30 FMB1 40 FMB1 50 FMC1 50 FMM 150 FMB9 00 FMB9 20 FMB9 10 FMB9 62 FMB9 64 FM30 01 FMB2 02 FMB2 04 FMB2 06 FMT1 00 MTB1 00 FMP1 00 FMB1 40 MSP5 00 FMC8 00 FMM 800 FMM 80A	Bluetooth Low Energy
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472	BLE 3 Custom #3	8	UNSI GNED LONG INT	0	42949 67295	-	-	Custom IO element for BLE sensor	FMBX XX FMB0 01 FMC0 01 FMB0 10 FMB0 02 FMB0 20 FMB0 03 FMB1 10 FMB1 20 FMB1 22 FMB1 25 FMU1 25 FMC1 25 FMB1 30 FMU1 30 FMC1 30 FMB1 40 FMB1 50 FMC1 50 FMM 150 FMB9 00 FMB9 20 FMB9 10 FMB9 62 FMB9 64 FM30 01 FMB2 02 FMB2 04 FMB2 06 FMT1 00 MTB1 00 FMP1 00 FMB1 40 MSP5 00 FMC8 00 FMM 800 FMM 80A	Bluetooth Low Energy
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473	BLE 3 Custom #4	8	UNSI GNED LONG INT	0	42949 67295	-	-	Custom IO element for BLE sensor	FMBX XX FMB0 01 FMC0 01 FMB0 10 FMB0 02 FMB0 20 FMB0 03 FMB1 10 FMB1 20 FMB1 22 FMB1 25 FMU1 25 FMC1 25 FMB1 30 FMU1 30 FMC1 30 FMB1 40 FMB1 50 FMC1 50 FMM 150 FMB9 00 FMB9 20 FMB9 10 FMB9 62 FMB9 64 FM30 01 FMB2 02 FMB2 04 FMB2 06 FMT1 00 MTB1 00 FMP1 00 FMB1 40 MSP5 00 FMC8 00 FMM 800 FMM 80A	Bluetooth Low Energy
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474	BLE 3 Custom #5	8	UNSI GNED LONG INT	0	42949 67295	-	-	Custom IO element for BLE sensor	FMBX XX FMB0 01 FMC0 01 FMB0 10 FMB0 02 FMB0 20 FMB0 03 FMB1 10 FMB1 20 FMB1 22 FMB1 25 FMU1 25 FMC1 25 FMB1 30 FMU1 30 FMC1 30 FMB1 40 FMB1 50 FMC1 50 FMM 150 FMB9 00 FMB9 20 FMB9 10 FMB9 62 FMB9 64 FM30 01 FMB2 02 FMB2 04 FMB2 06 FMT1 00 MTB1 00 FMP1 00 FMB1 40 MSP5 00 FMC8 00 FMM 800 FMM 80A	Bluetooth Low Energy
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[FMBX](#)
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334 BLE 4 Custom #1 Variable HEX 0 - - - Custom IO element for BLE sensor

Bluetooth
Low Energy

