FMC130 Teltonika Dat ng Para 'D

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

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

Permanent I/O elements

Property ID in AVL packet	Property Name	Bytes	Type	Value range		Multiplier	Units	Description	HW Support	
				Min	Max					
239	Ignition	1	Unsigned	0	1	-	-	0 – Ignition Off 1 – Ignition On	FMBXXX	[Expa
240	Movement	1	Unsigned	0	1	-	-	0 – Movement Off 1 – Movement On	FMBXXX	[Expa
80	Data Mode	1	Unsigned	0	5	-	-	0 – Home On Stop 1 – Home On Moving 2 – Roaming On Stop 3 – Roaming On Moving 4 – Unknown On Stop 5 – Unknown On Moving	FMBXXX	[Expa
21	GSM Signal	1	Unsigned	0	5	-	-	Value in range 1-5	FMBXXX	[Expa
200	Sleep Mode	1	Unsigned	0	4	-	-	0 - No Sleep 1 – GPS Sleep 2 – Deep Sleep 3 – Online Sleep 4 - Ultra Sleep	FMBXXX	[Expa
69	GNSS Status	1	Unsigned	0	3	-	-	0 - GNSS OFF 1 – GNSS ON with fix 2 - GNSS ON without fix 3 - GNSS sleep	FMBXXX	[Expa
181	GNSS PDOP	2	Unsigned	0	500	0.1		Coefficient, calculation formula	FMBXXX	[Expa
182	GNSS HDOP	2	Unsigned	0	500	0.1		Coefficient, calculation formula	FMBXXX	[Expa
66	External Voltage	2	Unsigned	0	65535	0.001	V	Voltage	FMBXXX	[Expa
24	Speed	2	Unsigned	0	350	-	km/h	Value	FMBXXX	[Expa
205	GSM Cell ID	2	Unsigned	0	65535	-	-	GSM base station ID	FMBXXX	[Expa
206	GSM Area Code	2	Unsigned	0	65535	-	-	Location Area code (LAC), it depends on GSM operator. It provides unique number which assigned to a set of base GSM stations.	FMBXXX	[Expa
67	Battery Voltage	2	Unsigned	0	65535	0.001	V	Voltage	FMBXXX	[Expa
68	Battery Current	2	Unsigned	0	65535	0.001	A	Current	FMBXXX	[Expa
241	Active GSM Operator	4	Unsigned	0	4294967295	-	-	Currently used GSM Operator code	FMBXXX	[Expa
199	Trip Odometer	4	Unsigned	0	2147483647	-	m	Trip Odometer value	FMBXXX	[Expa
16	Total Odometer	4	Unsigned	0	2147483647	-	-	Total Odometer value in meters	FMBXXX	[Expa

1	Digital Input 1	1	Unsigned	0	1	-	-	Logic: 0/1	FMBXXX	[Expa
9	Analog Input 1	2	Unsigned	0	65535	0.001	mV	Voltage	FMBXXX	[Expa
179	Digital Output 1	1	Unsigned	0	1	-	-	Logic: 0/1	FMBXXX	[Expa
12	Fuel Used GPS	4	Unsigned	0	4294967295	0.001	l	Fuel Used	FMBXXX	[Expa
13	Fuel Rate GPS	2	Unsigned	0	32767	0.01	l/100km	Average Fuel Use	FMBXXX	[Expa
17	Axis X	2	Signed	-8000	8000	-	mG	X axis value	FMBXXX	[Expa
18	Axis Y	2	Signed	-8000	8000	-	mG	Y axis value	FMBXXX	[Expa
19	Axis Z	2	Signed	-8000	8000	-	mG	Z axis value	FMBXXX	[Expa
11	ICCID1	8	Unsigned	0	0xffffffffffffffff	-	-	Value of SIM ICCID, MSB	FMBXXX	[Expa
10	SD Status	1	Unsigned	0	1	-	-	0 - not present 1 - present	FMBXXX	[Expa
2	Digital Input 2	1	Unsigned	0	1	-	-	Logic: 0/1	FMBXXX	[Expa
3	Digital Input 3	1	Unsigned	0	1	-	-	Logic: 0/1	FMBXXX	[Expa
6	Analog Input 2	2	Unsigned	0	65535	0.001	mV	Voltage	FMBXXX	[Expa
180	Digital Output 2	1	Unsigned	0	1	-	-	Logic 0/1	FMBXXX	[Expa
72	Dallas Temperature 1	4	Signed	-550	1150	0.1	°C	Degrees (°C), -55 - +115, if 850 – Sensor not ready if 2000 – Value read error if 3000 – Not connected if 4000 – ID failed if 5000 – same as 850	FMBXXX	[Expa
73	Dallas Temperature 2	4	Signed	-550	1150	0.1	°C	Degrees (°C), -55 - +115, if 850 – Sensor not ready if 2000 – Value read error if 3000 – Not connected if 4000 – ID failed if 5000 – same as 850	FMBXXX	[Expa
74	Dallas Temperature 3	4	Signed	-550	1150	0.1	°C	Degrees (°C), -55 - +115, if 850 – Sensor not ready if 2000 – Value read error if 3000 – Not connected if 4000 – ID failed if 5000 – same as 850	FMBXXX	[Expa
75	Dallas Temperature 4	4	Signed	-550	1150	0.1	°C	Degrees (°C), -55 - +115, if 850 – Sensor not ready if 2000 – Value read error if 3000 – Not connected if 4000 – ID failed if 5000 – same as 850	FMBXXX	[Expa
76	Dallas Temperature ID 1	8	Unsigned	0	0xffffffffffffffff	-	-	Dallas sensor ID	FMBXXX	[Expa
77	Dallas Temperature ID 2	8	Unsigned	0	0xffffffffffffffff	-	-	Dallas sensor ID	FMBXXX	[Expa
79	Dallas Temperature ID 3	8	Unsigned	0	0xffffffffffffffff	-	-	Dallas sensor ID	FMBXXX	[Expa
71	Dallas Temperature ID 4	8	Unsigned	0	0xffffffffffffffff	-	-	Dallas sensor ID	FMBXXX	[Expa
78	iButton	8	Unsigned	0	0xffffffffffffffff	-	-	iButton ID	FMBXXX	[Expa

207	RFID	8	Unsigned	0	0xffffffffffffffff	-	-	RFID ID	FMB125 FMB125 FMU125 FMC125 FMM125	
201	LLS 1 Fuel Level	2	Signed	-4	32767	-	kvants or ltr	Fuel level measured by LLS sensor via RS232/RS485	FMB125 FMB125 FMU125 FMC125 FMM125	
202	LLS 1 Temperature	1	Signed	-128	127	-	°C	Fuel temperature measured by LLS via RS232/RS485	FMB125 FMB125 FMU125 FMC125 FMM125	
203	LLS 2 Fuel Level	2	Signed	-4	32767	-	kvants or ltr	Fuel level measured by LLS sensor via RS485	FMB125 FMB125 FMU125 FMC125 FMM125	
204	LLS 2 Temperature	1	Signed	-128	127	-	°C	Fuel temperature measured by LLS via RS485	FMB125 FMB125 FMU125 FMC125 FMM125	
210	LLS 3 Fuel Level	2	Unsigned	-4	32767	-	kvants or ltr	Fuel level measured by LLS sensor via RS485	FMB125 FMB125 FMU125 FMC125 FMM125	
211	LLS 3 Temperature	1	Signed	-128	127	-	°C	Fuel temperature measured by LLS via RS485	FMB125 FMB125 FMU125 FMC125 FMM125	
212	LLS 4 Fuel Level	2	Signed	-4	32767	-	kvants or ltr	Fuel level measured by LLS sensor via RS485	FMB125 FMB125 FMU125 FMC125 FMM125	
213	LLS 4 Temperature	1	Signed	-128	127	-	°C	Fuel temperature measured by LLS via RS485	FMB125 FMB125 FMU125 FMC125 FMM125	
214	LLS 5 Fuel Level	2	Signed	-4	32767	-	kvants or ltr	Fuel level measured by LLS sensor via RS485	FMB125 FMB125 FMU125 FMC125 FMM125	
215	LLS 5 Temperature	1	Signed	-128	127	-	°C	Fuel temperature measured by LLS via RS485	FMB125 FMB125 FMU125 FMC125 FMM125	
15	Eco Score	2	Unsigned	0	65535	0.01	-	Average amount of events on some distance	FMBXXX	[Expa
113	Battery Level	1	Unsigned	0	100	-	%	Battery capacity level	FMBXXX	[Expa

238	User ID	8	Unsigned	0	0xffffffffffffffff	-	-	MAC address of NMEA receiver device connected via Bluetooth	FMBXXX	[Expa
237	Network Type	1	Unsigned	0	1	-	-	0 - 3G 1 - GSM 2 - 4G 3 - LTE CAT M1 4 - LTE CAT NB1 99 - Unknown	FM3001 FMU125 FMU126 FMU130 FMC125 FMC130 FMC150 FMM125 FMM130 FMM150 FMC001 FMM001 FMC800 FMM800 FMC880 FMM880 FMM80A	
8	Authorized iButton	8	Unsigned	0	0xffffffffffffffff	-	-	If ID is shown in this I/O that means that attached iButton is in iButton List	FMB110 FMB FMB122 FMB125	
4	Pulse Counter Din1	4	Unsigned	0	4294967295	-	-	Counts pulses, count is reset when records are saved	FMBXXX	[Expa
5	Pulse Counter Din2	4	Unsigned	0	4294967295	-	-	Counts pulses, count is reset when records are saved	FMBXXX	[Expa
263	BT Status	1	Unsigned	0	4	-	-	0 - BT is disabled 1 - BT Enabled, not device connected 2 - Device connected, BTv3 Only 3 - Device connected, BLE only 4 - Device connected, BLE + BT	FMBXXX	[Expa
264	Barcode ID	Variable	ASCII	0	32	-	-	Barcode ID	FMBXXX	[Expa
269	Escort LLS Temperature #1	2	Signed	-128	127	-	°C	Fuel temperature	FMB125 FMB125 FMU125 FMC125 FMM125	
270	Escort LLS Fuel level #1	2	Unsigned	0	65535	-	-	Fuel Level	FMB125 FMB125 FMU125 FMC125 FMM125	
271	Escort LLS Battery Voltage #1	2	Unsigned	0	65535	0.01	V	Battery Voltage	FMB125 FMB125 FMU125 FMC125 FMM125	
272	Escort LLS Temperature #2	2	Signed	-128	127	-	°C	Fuel temperature	FMB125 FMB125 FMU125 FMC125 FMM125	
273	Escort LLS Fuel level #2	2	Unsigned	0	65535	-	-	Fuel Level	FMB125 FMB125 FMU125 FMC125 FMM125	
274	Escort LLS Battery Voltage #2	2	Unsigned	0	65535	0.01	V	Battery Voltage	FMB125 FMB125 FMU125 FMC125 FMM125	

275	Escort LLS Temperature #3	2	Signed	-128	127	-	°C	Fuel temperature	FMB125 FMB125 FMU125 FMC125 FMM125	
276	Escort LLS Fuel level #3	2	Unsigned	0	65535	-	-	Fuel Level	FMB125 FMB125 FMU125 FMC125 FMM125	
277	Escort LLS Battery Voltage #3	2	Unsigned	0	65535	0.01	V	Battery Voltage	FMB125 FMB125 FMU125 FMC125 FMM125	
278	Escort LLS Temperature #4	2	Signed	-128	127	-	°C	Fuel temperature	FMB125 FMB125 FMU125 FMC125 FMM125	
279	Escort LLS Fuel level #4	2	Unsigned	0	65535	-	-	Fuel Level	FMB125 FMB125 FMU125 FMC125 FMM125	
280	Escort LLS Battery Voltage #4	2	Unsigned	0	65535	0.01	V	Battery Voltage	FMB125 FMB125 FMU125 FMC125 FMM125	
303	Instant Movement	1	Unsigned	0	1	-	-	Logic: 0/1 returns movement value	FMBXXX	[Expa
327	UL202-02 Sensor Fuel level	2	Signed	-150	32767	0.1	mm	UL202-02 Sensor Fuel level	FMB125 FMB125 FMU125 FMC125 FMM125	
483	UL202-02 Sensor Status	1	Unsigned	0	255	-	-	UL202-02 sensor status codes	FMB125 FMB125 FMU125 FMC125 FMM125	
380	Digital output 3	1	Unsigned	0	1	-	-	Logic: 0/1	FMBXXX	[Expa
381	Ground Sense	1	Unsigned	0	1	-	-	Logic: 0/1	FMB130 FMU130 FMC130 FMM130 FMB140	
387	ISO6709 Coordinates	34	HEX	0	0x7fffffffffffffff	-	-	ISO6709 Coordinates Latitude, Longitude (in Degrees, Minutes and Seconds) and Altitude: IO value format: ±DDMMSS.SSSS±DDDMMSS.SSSS±AAA.AAA/	FMBXXX	[Expa
636	UMTS/LTE Cell ID	4	Unsigned	0	0xFFFFFFFF	-	-		FMBXXX	[Expa
403	Driver Name	35	Unsigned	-	-	-	-	Driver name extracted from card, displayed without delimiters ($ signs)	FMBXXX	[Expa

404	Driver card license type	1	Unsigned	0	8	-	-	None - 0 B.1 license type - 1 B.2 license type - 2 B.3 license type - 3 B.4 license type - 4 T.1 license type - 5 T.2 license type - 6 T.3 license type - 7 T.4 license type - 8	FMBXXX	[Expa
405	Driver Gender	1	Unsigned	0	2	-	-	None - 0 Male - 1 Female - 2	FMBXXX	[Expa
406	Driver Card ID	4	Unsigned	0	4294967295	-	-	None - 0 Male - 1 Female - 2	FMBXXX	[Expa
407	Driver Card Issue Year	1	Unsigned	-	-	-	-	Value from card as it is	FMBXXX	[Expa
408	Driver Card Issue Year	4	Unsigned	0	4294967295	-	-	-	FMBXXX	[Expa
409	Driver Status Event	1	Unsigned	0	2	-	-	Registered - 0 Deregistered - 1 Swapping - 2	FMBXXX	[Expa

Eventual I/O elements

Property ID in AVL packet	Property Name	Bytes	Type	Value range Min	Value range Max	Multiplier	Units	Description	HW Support		Parameter Group
155	Geofence zone 01	1	Unsigned	0	3	-	-	0 – target left zone 1 – target entered zone 2 – over speeding end 3 – over speeding start	FMBXXX	[Expand]	Eventual I/O elements
156	Geofence zone 02	1	Unsigned	0	3	-	-	0 – target left zone 1 – target entered zone 2 – over speeding end 3 – over speeding start	FMBXXX	[Expand]	Eventual I/O elements
157	Geofence zone 03	1	Unsigned	0	3	-	-	0 – target left zone 1 – target entered zone 2 – over speeding end 3 – over speeding start	FMBXXX	[Expand]	Eventual I/O elements
158	Geofence zone 04	1	Unsigned	0	3	-	-	0 – target left zone 1 – target entered zone 2 – over speeding end 3 – over speeding start	FMBXXX	[Expand]	Eventual I/O elements
159	Geofence zone 05	1	Unsigned	0	3	-	-	0 – target left zone 1 – target entered zone 2 – over speeding end 3 – over speeding start	FMBXXX	[Expand]	Eventual I/O elements
61	Geofence zone 06	1	Unsigned	0	3	-	-	0 – target left zone 1 – target entered zone 2 – over speeding end 3 – over speeding start	FMBXXX	[Expand]	Eventual I/O elements

62	Geofence zone 07	1	Unsigned	0	3	-	-	0 – target left zone 1 – target entered zone 2 – over speeding end 3 – over speeding start	FMBXXX	[Expand]	Eventual I/O elements
63	Geofence zone 08	1	Unsigned	0	3	-	-	0 – target left zone 1 – target entered zone 2 – over speeding end 3 – over speeding start	FMBXXX	[Expand]	Eventual I/O elements
64	Geofence zone 09	1	Unsigned	0	3	-	-	0 – target left zone 1 – target entered zone 2 – over speeding end 3 – over speeding start	FMBXXX	[Expand]	Eventual I/O elements
65	Geofence zone 10	1	Unsigned	0	3	-	-	0 – target left zone 1 – target entered zone 2 – over speeding end 3 – over speeding start	FMBXXX	[Expand]	Eventual I/O elements
70	Geofence zone 11	1	Unsigned	0	3	-	-	0 – target left zone 1 – target entered zone 2 – over speeding end 3 – over speeding start	FMBXXX	[Expand]	Eventual I/O elements
88	Geofence zone 12	1	Unsigned	0	3	-	-	0 – target left zone 1 – target entered zone 2 – over speeding end 3 – over speeding start	FMBXXX	[Expand]	Eventual I/O elements
91	Geofence zone 13	1	Unsigned	0	3	-	-	0 – target left zone 1 – target entered zone 2 – over speeding end 3 – over speeding start	FMBXXX	[Expand]	Eventual I/O elements
92	Geofence zone 14	1	Unsigned	0	3	-	-	0 – target left zone 1 – target entered zone 2 – over speeding end 3 – over speeding start	FMBXXX	[Expand]	Eventual I/O elements
93	Geofence zone 15	1	Unsigned	0	3	-	-	0 – target left zone 1 – target entered zone 2 – over speeding end 3 – over speeding start	FMBXXX	[Expand]	Eventual I/O elements
94	Geofence zone 16	1	Unsigned	0	3	-	-	0 – target left zone 1 – target entered zone 2 – over speeding end 3 – over speeding start	FMBXXX	[Expand]	Eventual I/O elements
95	Geofence zone 17	1	Unsigned	0	3	-	-	0 – target left zone 1 – target entered zone 2 – over speeding end 3 – over speeding start	FMBXXX	[Expand]	Eventual I/O elements
96	Geofence zone 18	1	Unsigned	0	3	-	-	0 – target left zone 1 – target entered zone 2 – over speeding end 3 – over speeding start	FMBXXX	[Expand]	Eventual I/O elements
97	Geofence zone 19	1	Unsigned	0	3	-	-	0 – target left zone 1 – target entered zone 2 – over speeding end 3 – over speeding start	FMBXXX	[Expand]	Eventual I/O elements
98	Geofence zone 20	1	Unsigned	0	3	-	-	0 – target left zone 1 – target entered zone 2 – over speeding end 3 – over speeding start	FMBXXX	[Expand]	Eventual I/O elements

99	Geofence zone 21	1	Unsigned	0	3	-	-	0 – target left zone 1 – target entered zone 2 – over speeding end 3 – over speeding start	FMBXXX	[Expand]	Eventual I/O elements
153	Geofence zone 22	1	Unsigned	0	3	-	-	0 – target left zone 1 – target entered zone 2 – over speeding end 3 – over speeding start	FMBXXX	[Expand]	Eventual I/O elements
154	Geofence zone 23	1	Unsigned	0	3	-	-	0 – target left zone 1 – target entered zone 2 – over speeding end 3 – over speeding start	FMBXXX	[Expand]	Eventual I/O elements
190	Geofence zone 24	1	Unsigned	0	3	-	-	0 – target left zone 1 – target entered zone 2 – over speeding end 3 – over speeding start	FMBXXX	[Expand]	Eventual I/O elements
191	Geofence zone 25	1	Unsigned	0	3	-	-	0 – target left zone 1 – target entered zone 2 – over speeding end 3 – over speeding start	FMBXXX	[Expand]	Eventual I/O elements
192	Geofence zone 26	1	Unsigned	0	3	-	-	0 – target left zone 1 – target entered zone 2 – over speeding end 3 – over speeding start	FMBXXX	[Expand]	Eventual I/O elements
193	Geofence zone 27	1	Unsigned	0	3	-	-	0 – target left zone 1 – target entered zone 2 – over speeding end 3 – over speeding start	FMBXXX	[Expand]	Eventual I/O elements
194	Geofence zone 28	1	Unsigned	0	3	-	-	0 – target left zone 1 – target entered zone 2 – over speeding end 3 – over speeding start	FMBXXX	[Expand]	Eventual I/O elements
195	Geofence zone 29	1	Unsigned	0	3	-	-	0 – target left zone 1 – target entered zone 2 – over speeding end 3 – over speeding start	FMBXXX	[Expand]	Eventual I/O elements
196	Geofence zone 30	1	Unsigned	0	3	-	-	0 – target left zone 1 – target entered zone 2 – over speeding end 3 – over speeding start	FMBXXX	[Expand]	Eventual I/O elements
197	Geofence zone 31	1	Unsigned	0	3	-	-	0 – target left zone 1 – target entered zone 2 – over speeding end 3 – over speeding start	FMBXXX	[Expand]	Eventual I/O elements
198	Geofence zone 32	1	Unsigned	0	3	-	-	0 – target left zone 1 – target entered zone 2 – over speeding end 3 – over speeding start	FMBXXX	[Expand]	Eventual I/O elements
208	Geofence zone 33	1	Unsigned	0	3	-	-	0 – target left zone 1 – target entered zone 2 – over speeding end 3 – over speeding start	FMBXXX	[Expand]	Eventual I/O elements
209	Geofence zone 34	1	Unsigned	0	3	-	-	0 – target left zone 1 – target entered zone 2 – over speeding end 3 – over speeding start	FMBXXX	[Expand]	Eventual I/O elements

216	Geofence zone 35	1	Unsigned	0	3	-	-	0 – target left zone 1 – target entered zone 2 – over speeding end 3 – over speeding start	FMBXXX	[Expand]	Eventual I/O elements
217	Geofence zone 36	1	Unsigned	0	3	-	-	0 – target left zone 1 – target entered zone 2 – over speeding end 3 – over speeding start	FMBXXX	[Expand]	Eventual I/O elements
218	Geofence zone 37	1	Unsigned	0	3	-	-	0 – target left zone 1 – target entered zone 2 – over speeding end 3 – over speeding start	FMBXXX	[Expand]	Eventual I/O elements
219	Geofence zone 38	1	Unsigned	0	3	-	-	0 – target left zone 1 – target entered zone 2 – over speeding end 3 – over speeding start	FMBXXX	[Expand]	Eventual I/O elements
220	Geofence zone 39	1	Unsigned	0	3	-	-	0 – target left zone 1 – target entered zone 2 – over speeding end 3 – over speeding start	FMBXXX	[Expand]	Eventual I/O elements
221	Geofence zone 40	1	Unsigned	0	3	-	-	0 – target left zone 1 – target entered zone 2 – over speeding end 3 – over speeding start	FMBXXX	[Expand]	Eventual I/O elements
222	Geofence zone 41	1	Unsigned	0	3	-	-	0 – target left zone 1 – target entered zone 2 – over speeding end 3 – over speeding start	FMBXXX	[Expand]	Eventual I/O elements
223	Geofence zone 42	1	Unsigned	0	3	-	-	0 – target left zone 1 – target entered zone 2 – over speeding end 3 – over speeding start	FMBXXX	[Expand]	Eventual I/O elements
224	Geofence zone 43	1	Unsigned	0	3	-	-	0 – target left zone 1 – target entered zone 2 – over speeding end 3 – over speeding start	FMBXXX	[Expand]	Eventual I/O elements
225	Geofence zone 44	1	Unsigned	0	3	-	-	0 – target left zone 1 – target entered zone 2 – over speeding end 3 – over speeding start	FMBXXX	[Expand]	Eventual I/O elements
226	Geofence zone 45	1	Unsigned	0	3	-	-	0 – target left zone 1 – target entered zone 2 – over speeding end 3 – over speeding start	FMBXXX	[Expand]	Eventual I/O elements
227	Geofence zone 46	1	Unsigned	0	3	-	-	0 – target left zone 1 – target entered zone 2 – over speeding end 3 – over speeding start	FMBXXX	[Expand]	Eventual I/O elements
228	Geofence zone 47	1	Unsigned	0	3	-	-	0 – target left zone 1 – target entered zone 2 – over speeding end 3 – over speeding start	FMBXXX	[Expand]	Eventual I/O elements
229	Geofence zone 48	1	Unsigned	0	3	-	-	0 – target left zone 1 – target entered zone 2 – over speeding end 3 – over speeding start	FMBXXX	[Expand]	Eventual I/O elements

230	Geofence zone 49	1	Unsigned	0	3	-	-	0 – target left zone 1 – target entered zone 2 – over speeding end 3 – over speeding start	FMBXXX	[Expand]	Eventual I/O elements
231	Geofence zone 50	1	Unsigned	0	3	-	-	0 – target left zone 1 – target entered zone 2 – over speeding end 3 – over speeding start	FMBXXX	[Expand]	Eventual I/O elements
175	Auto Geofence	1	Unsigned	0	1	-	-	0 – target left zone 1 – target entered zone	FMBXXX	[Expand]	Eventual I/O elements
250	Trip	1	Unsigned	0	1	-	-	0 – trip stop 1 – trip start From 01.00.24 fw version available with BT app new values: 2 – Business Status 3 – Private Status 4-9 – Custom Statuses	FMBXXX	[Expand]	Eventual I/O elements
255	Over Speeding	1	Unsigned	0	255	-	km/h	At over speeding start km/h, at over speeding end km/h	FMBXXX	[Expand]	Eventual I/O elements
257	Crash trace data	Variable	HEX	0	1200	-	-	Crash trace data	FMBXXX	[Expand]	Eventual I/O elements
285	Blood alcohol content	2	Unsigned	0	9999	-	-	Alcohol content in blood in perlims and mode. First 14 bits from MSB are perlims multiplied by 1000 and last to bits are 0 - Passive test, 1 Active test, 2 and 3 are reserved.	FMB125		Eventual I/O elements
251	Idling	1	Unsigned	0	1	-	-	0 – moving 1 – idling	FMBXXX	[Expand]	Eventual I/O elements
253	Green driving type	1	Unsigned	1	3	-	-	1 – harsh acceleration 2 – harsh braking 3 – harsh cornering	FMBXXX	[Expand]	Eventual I/O elements
246	Towing	1	Unsigned	0	1	-	-	0 – steady 1 – towing	FMBXXX	[Expand]	Eventual I/O elements
252	Unplug	1	Unsigned	0	1	-	-	0 – battery present 1 – battery unplugged	FMBXXX	[Expand]	Eventual I/O elements
247	Crash detection	1	Unsigned	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, pothole) 8 - fake crash detected (device calibrated, speed check)	FMBXXX	[Expand]	Eventual I/O elements
248	Immobilizer	1	Unsigned	0	2	-	-	0 – iButton not connected 1 – iButton connected	FMBXXX	[Expand]	Eventual I/O elements

								(Immobilizer) 2 – iButton connected (Authorized Driving)			
254	Green Driving Value	1	Unsigned	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 is rad/s*100. If source is „Accelerometer“ – g*100.	FMBXXX	[Expand]	Eventual I/O elements
249	Jamming	1	Unsigned	0	1	-	-	0 – jamming stop 1 – jamming start	FMBXXX	[Expand]	Eventual I/O elements
14	ICCID2	8	Unsigned	0	0xFFFFFFFFFFFFFFFF	-	-	Value of SIM ICCID, LSB	FMBXXX	[Expand]	Eventual I/O elements
243	Green driving event duration	2	Unsigned	0	65535	-	ms	Duration of event that did generate Green driving	FMBXXX	[Expand]	Eventual I/O elements
236	Alarm	1	Unsigned	0	1	-	-	0 – Reserved 1 – Alarm event occured			Eventual I/O elements
258	EcoMaximum	8	Unsigned	0	0xFFFFFFFFFFFFFFFF	-	-	Element stores maximum accelerometer values in mg on all axis during Eco driving event 8 Bytes: 2B Zeros 2B - X axis 2B - Y axis 2B - Z axis	FMT100		Eventual I/O elements
259	EcoAverage	8	Unsigned	0	0xFFFFFFFFFFFFFFFF	-	-	Element stores average accelerometer values in mg on all axis during Eco driving event 8 Bytes: 2B Zeros 2B - X axis 2B - Y axis 2B - Z axis	FMT100		Eventual I/O elements
260	EcoDuration	2	Unsigned	0	65535	-	ms	Duration of Eco driving event in miliseconds	FMT100		Eventual I/O elements
283	Driving State	1	Unsigned	0	3	-	-	1 - Ignition ON 2 - Driving 3 - Ignition OFF	FMT100		Eventual I/O elements
284	Driving Records	2	Unsigned	0	65535	-	-	Number of Records between Ignition ON and Ignition OFF	FMT100		Eventual I/O elements
391	Private mode	1	Unsigned	0	255	-	-	Private mode state 0 - Private mode off 1 - Private mode on	FMBXXX	[Expand]	Eventual I/O elements
317	Crash event counter	1	Unsigned	0	255	-	-	Connects trace with specific eventual crash record	FMBXXX	[Expand]	Eventual I/O elements
244	DIN2/AIN2 spec event	1	Unsigned	0	1	-	-	Generates after spec DIN2/AIN2 scenario	FMBXXX	[Expand]	Eventual I/O elements
449	Ignition On Counter	4	Unsigned	0	2147483647	-	s	0 - Disable 1 - Enable	FMBXXX	[Expand]	Eventual I/O elements

OBD elements

Property ID in AVL packet	Property Name	Bytes	Type	Value range		Multiplier	Units	Description	HW Support		Parameter Group
				Min	Max						
256	VIN	17	ASCII	0	0xff	-	-	VIN number	FMBXXX	[Expand]	OBD elements
30	Number of DTC	1	ASCII	0	255	-	-	Number of DTC	FMBXXX	[Expand]	OBD elements
31	Engine Load	1	Unsigned	0	100	-	%	Calculated engine load value	FMBXXX	[Expand]	OBD elements
32	Coolant Temperature	1	Signed	-128	127	-	°C	Engine coolant temperature	FMBXXX	[Expand]	OBD elements
33	Short Fuel Trim	1	Signed	-100	99	-	%	Short term fuel trim 1	FMBXXX	[Expand]	OBD elements
34	Fuel pressure	2	Unsigned	0	765	-	kPa	Fuel pressure	FMBXXX	[Expand]	OBD elements
35	Intake MAP	1	Unsigned	0	255	-	kPa	Intake manifold absolute pressure	FMBXXX	[Expand]	OBD elements
36	Engine RPM	2	Unsigned	0	16384	-	rpm	Engine RPM	FMBXXX	[Expand]	OBD elements
37	Vehicle Speed	1	Unsigned	0	255	-	km/h	Vehicle speed	FMBXXX	[Expand]	OBD elements
38	Timing Advance	1	Signed	-64	64	-	◦	Timing advance	FMBXXX	[Expand]	OBD elements
39	Intake Air Temperature	1	Signed	-128	127	-	°C	Intake air temperature	FMBXXX	[Expand]	OBD elements
40	MAF	2	Unsigned	0	65535	0.01	g/sec	MAF air flow rate	FMBXXX	[Expand]	OBD elements
41	Throttle Position	1	Unsigned	0	100	-	%	Throttle position	FMBXXX	[Expand]	OBD elements
42	Runtime since engine start	2	Unsigned	0	65535	-	s	Runtime since engine start	FMBXXX	[Expand]	OBD elements
43	Distance Traveled MIL On	2	Unsigned	0	65535	-	km	Distance ormattin MIL on	FMBXXX	[Expand]	OBD elements
44	Relative Fuel Rail Pressure	2	Unsigned	0	5178	0.1	kPa	Relative fuel rail pressure	FMBXXX	[Expand]	OBD elements
45	Direct Fuel Rail Pressure	2	Unsigned	0	65535	10	kPa	Direct Fuel Rail Pressure	FMBXXX	[Expand]	OBD elements
46	Commanded EGR	1	Unsigned	0	100	-	%	Commanded EGR	FMBXXX	[Expand]	OBD elements
47	EGR Error	1	Signed	-100	100	-	%	EGR error	FMBXXX	[Expand]	OBD elements
48	Fuel Level	1	Unsigned	0	100	-	%	Fuel level	FMBXXX	[Expand]	OBD elements
49	Distance Since Codes Clear	2	Unsigned	0	65535	-	km	Distance traveled since codes cleared	FMBXXX	[Expand]	OBD elements
50	Barometic Pressure	1	Unsigned	0	255	-	kPa	Barometic pressure	FMBXXX	[Expand]	OBD elements
51	Control Module Voltage	2	Unsigned	0	65535	0.001	V	Control module voltage	FMBXXX	[Expand]	OBD elements
52	Absolute Load Value	2	Unsigned	0	25700	-	%	Absolute load value	FMBXXX	[Expand]	OBD elements
53	Ambient Air Temperature	1	Signed	-128	127	-	°C	Ambient air temperature	FMBXXX	[Expand]	OBD elements
54	Time Run With MIL On	2	Unsigned	0	65535	-	min	Time run with MIL on	FMBXXX	[Expand]	OBD elements
55	Time Since Codes Cleared	2	Unsigned	0	65535	-	min	Time since codes cleared	FMBXXX	[Expand]	OBD elements
56	Absolute Fuel Rail Pressure	2	Unsigned	0	65535	0.1	kPa	Absolute fuel rail pressure	FMBXXX	[Expand]	OBD elements

57	Hybrid battery pack life	1	Unsigned	0	100	-	%	Hybrid battery pack remaining life	FMBXXX	[Expand]	OBD elements
58	Engine Oil Temperature	1	Unsigned	0	215	-	°C	Engine oil temperature	FMBXXX	[Expand]	OBD elements
59	Fuel injection timing	2	Signed	-21000	30200	0.01	◦	Fuel injection timing	FMBXXX	[Expand]	OBD elements
281	Fault Codes	variable	ASCII	0	128	-	-	Fault Codes (values separated via ",")	FMBXXX	[Expand]	OBD elements
60	Fuel Rate	2	Unsigned	0	32767	0.01	l/100km	Engine fuel rate, l/100km	FMBXXX	[Expand]	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

CAN adapters elements

Property ID in AVL packet	Property Name	Bytes	Type	Value range		Multiplier	Units	Description	HW Support	
				Min	Max					
81	Vehicle Speed	1	Unsigned	0	255	-	km/h	Vehicle Speed	FMBXXX	[Expan
82	Accelerator Pedal Position	1	Unsigned	0	102	-	%	Value in percentages	FMBXXX	[Expan
83	Fuel Consumed	4	Unsigned	0	2147483647	0.1	l	Value in liters	FMBXXX	[Expan
84	Fuel level	2	Unsigned	0	65535	0.1	l	Value in liters	FMBXXX	[Expan
85	Engine RPM	2	Unsigned	0	16384	-	rpm	Value in rounds per minute	FMBXXX	[Expan
87	Total Mileage	4	Unsigned	0	4294967295	-	m	Value in meters	FMBXXX	[Expan
89	Fuel level	1	Unsigned	0	100	-	%	Value in percentages	FMBXXX	[Expan
90	Door Status	2	Unsigned	0	16128	-	-	Door status value: Min – 0, Max – 16128 Door status is represented as bitmask converted to decimal value. Possible values: 0 – all doors closed 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	FMBXXX	[Expan

								is opened 0x2000 (8192) – trunk is opened 0x3F00 (16128) – all doors are opened or combinations of values		
100	Program Number	4	Unsigned	0	99999	-	-	Value: Min – 0, Max – 99999	FMBXXX	[Expan
101	Module ID 8B	8	Unsigned	0	0xFFFFFFFFFFFFFFFF	-	-	Module ID 8 Bytes	FMBXXX	[Expan
388	Module ID 17B	17	HEX	0	0x7FFFFFFFFFFFFFFF	-	-	Module ID 17 Bytes	FMBXXX	[Expan
102	Engine Worktime	4	Unsigned	0	1677215	-	min	Engine work time	FMBXXX	[Expan
103	Engine Worktime (counted)	4	Unsigned	0	1677215	-	min	Total engine work time	FMBXXX	[Expan
105	Total Mileage (counted)	4	Unsigned	0	4294967295	-	m	Total Vehicle Mileage	FMBXXX	[Expan
107	Fuel Consumed(counted)	4	Unsigned	0	2147483647	0.1	l	Total Fuel Consumed	FMBXXX	[Expan
110	Fuel Rate	2	Unsigned	0	32768	0.1	l/h	Fuel rate	FMBXXX	[Expan
111	AdBlue Level	1	Unsigned	0	100	-	%	AdBlue	FMBXXX	[Expan
112	AdBlue Level	2	Unsigned	0	65535	0.1	l	AdBlue level	FMBXXX	[Expan
114	Engine Load	1	Unsigned	0	130	-	%	Engine Load	FMBXXX	[Expan
115	Engine Temperature	2	Signed	-600	1270	0.1	°C	Engine Temperature	FMBXXX	[Expan
118	Axle 1 Load	2	Unsigned	0	32768	-	kg	Axle 1 load	FMBXXX	[Expan
119	Axle 2 Load	2	Unsigned	0	32768	-	kg	Axle 2 load	FMBXXX	[Expan
120	Axle 3 Load	2	Unsigned	0	32768	-	kg	Axle 3 load	FMBXXX	[Expan
121	Axle 4 Load	2	Unsigned	0	32768	-	kg	Axle 4 load	FMBXXX	[Expan
122	Axle 5 Load	2	Unsigned	0	32768	-	kg	Axle 5 load	FMBXXX	[Expan
123	Control State Flags	4	Unsigned	0	4294967295	-	-	Control state flags	FMBXXX	[Expan
124	Agricultural Machinery Flags	8	Unsigned	0	0xFFFFFFFFFFFFFFFF	-	-	Agricultural machinery flags	FMBXXX	[Expan
125	Harvesting Time	4	Unsigned	0	16777215	-	min	Harvesting time	FMBXXX	[Expan
126	Area of Harvest	4	Unsigned	0	4294967295	-	m^2	Area of harvest in square meters	FMBXXX	[Expan
127	LVC of Harvest	4	Unsigned	0	4294967295	-	m^2/h	Mowing efficiency	FMBXXX	[Expan
128	Grain Mow Volume	4	Unsigned	0	4294967295	-	kg	Mow volume	FMBXXX	[Expan
129	Grain Moisture	2	Unsigned	0	100	-	%	Grain moisture	FMBXXX	[Expan
130	Harvesting Drum RPM	2	Unsigned	0	65535	-	rpm	Harvesting drum rpm	FMBXXX	[Expan
131	Gap Under Harvesting Drum	1	Unsigned	0	255	-	mm	Gap under harvesting drum	FMBXXX	[Expan
132	Security State Flags	8	Unsigned	0	0xFFFFFFFFFFFFFFFF	-	-	Security state flags	FMBXXX	[Expan
133	Tacho Total Distance	4	Unsigned	0	4294967295	-	m	Tacho Total Vehicle Distance	FMBXXX	[Expan

134	Trip Distance	4	Unsigned	0	4294967295	-	m	Trip distance	FMBXXX	[Expan
135	Tacho Vehicle Speed	2	Unsigned	0	255	-	km/h	Tacho vehicle speed	FMBXXX	[Expan
136	Tacho Driver Card Presence	1	Unsigned	0	3	-	-	Tacho Driver Card Presence	FMBXXX	[Expan
137	Driver 1 States	1	Unsigned	0	255	-	-	Driver 1 States	FMBXXX	[Expan
138	Driver 2 States	1	Unsigned	0	255	-	-	Driver 2 States	FMBXXX	[Expan
151	Battery Temperature	2	Signed	-600	1270	0.1	°C		FMBXXX	[Expan
152	Battery Level	1	Unsigned	0	100	-	%		FMBXXX	[Expan
160	DTC Faults Count	1	Unsigned	0	255	-	-	DTC faults	FMBXXX	[Expan
161	Slope of Arm	2	Signed	-3276	3276	-	Degrees °	Slope Of Arm	FMBXXX	[Expan
162	Rotation of Arm	2	Signed	-180	180	-	Degrees °	Rotation Of Arm	FMBXXX	[Expan
163	Eject of Arm	2	Unsigned	0	6553	-	m	Eject of arm	FMBXXX	[Expan
164	Horizontal Distance Arm	2	Unsigned	0	6553	-	m	Horizontal Distance Arm Vehicle	FMBXXX	[Expan
164	Horizontal Distance Arm	2	Unsigned	0	6553	-	m	Horizontal Distance Arm Vehicle	FMBXXX	[Expan
164	Horizontal Distance Arm	2	Unsigned	0	6553	-	m	Horizontal Distance Arm Vehicle	FMBXXX	[Expan
165	Height Arm Above Ground	2	Unsigned	0	6553	-	m	Height Arm Above Ground	FMBXXX	[Expan
166	Drill RPM	2	Unsigned	0	65535	-	rpm	Drill RPM	FMBXXX	[Expan
167	Spread Salt	2	Unsigned	0	655	-	g/m^2	Amount Of Spread Salt Square Meter	FMBXXX	[Expan
168	Battery Voltage	2	Unsigned	0	6553	-	V	Battery Voltage	FMBXXX	[Expan
169	Spread Fine Grained Salt	4	Unsigned	0	1677722	-	T	Amount Of Spread Fine Grained Salt	FMBXXX	[Expan
170	Coarse Grained Salt	4	Unsigned	0	1677722	-	T	Amount Of Coarse Grained Salt	FMBXXX	[Expan
171	Spread DiMix	4	Unsigned	0	1677722	-	T	Amount Of Spread DiMix	FMBXXX	[Expan
172	Spread Coarse Grained Calcium	4	Unsigned	0	1677722	-	m^3	Amount Of Spread Coarse Grained Calcium	FMBXXX	[Expan
173	Spread Calcium Chloride	4	Unsigned	0	1677722	-	m^3	Amount Of Spread Calcium Chloride	FMBXXX	[Expan
174	Spread Sodium Chloride	4	Unsigned	0	1677722	-	m^3	Amount Of Spread Sodium Chloride	FMBXXX	[Expan
176	Spread Magnesium Chloride	4	Unsigned	0	1677722	-	m^3	Amount Of Spread Magnesium Chloride	FMBXXX	[Expan
177	Amount Of Spread Gravel	4	Unsigned	0	1677722	-	T	Amount Of Spread Gravel	FMBXXX	[Expan
178	Amount Of Spread Sand	4	Unsigned	0	1677722	-	T	Amount Of Spread Sand	FMBXXX	[Expan
183	Width Pouring Left	2	Unsigned	0	655	-	m	Width Pouring Left	FMBXXX	[Expan
184	Width Pouring Right	2	Unsigned	0	655	-	m	Width Pouring Right	FMBXXX	[Expan
185	Salt Spreader Working Hours	4	Unsigned	0	167722	-	h	Salt Spreader Working Hours	FMBXXX	[Expan
186	Distance During Salting	4	Unsigned	0	167722	-	km	Distance During Salting	FMBXXX	[Expan
187	Load Weight	4	Unsigned	0	16772215	-	kg	Load Weight	FMBXXX	[Expan
188	Retarder Load	1	Unsigned	0	130	-	%	Retarded Load	FMBXXX	[Expan

189	Cruise Time	4	Unsigned	0	16772215	-	min	Cruise time	FMBXXX	[Expan
232	CNG status	1	Unsigned	0	1	-	-	CNG status	FMBXXX	[Expan
233	CNG used	4	Unsigned	0	16772215	-	kg	CNG used	FMBXXX	[Expan
234	CNG level	1	Unsigned	0	100	-	%	CNG used	FMBXXX	[Expan
235	Engine Oil Level	1	Unsigned	0	1	-	-	Oil Level	FMBXXX	[Expan
304	Vehicle Range on Battery	4	Unsigned	0	16777215	-	m	Vehicle Range on Battery	FMBXXX	[Expan
305	Vehicle Range On Additional Fuel	4	Unsigned	0	16777215	-	m	Vehicle Range On Additional Fuel	FMBXXX	[Expan
325	VIN	17	ASCII	0	0xFF	-	-	VIN number	FMBXXX	[Expan
282	DTC Faults code	Variable	-	0	128	-	-	DTC Fault code	FMBXXX	[Expan
517	SecurityStateFlags_P4	8	HEX	0	0xffffffffffffffff	-	-	Security state flags protocol 4, more information click here Flags	FMBXXX	[Expan
518	ControlStateFlags_P4	8	HEX	0	0xffffffffffffffff	-	-	Control state flags protocol 4, more information click here Flags	FMBXXX	[Expan
519	IndicatorStateFlags_P4	8	HEX	0	0xffffffffffffffff	-	-	Indicator state flags protocol 4, more information click here Flags	FMBXXX	[Expan
520	AgriculturalStateFlags_P4	8	HEX	0	0xffffffffffffffff	-	-	Agricultural state flags protocol 4, more information click here Flags	FMBXXX	[Expan
521	UtilityStateFlags_P4	8	HEX	0	0xffffffffffffffff	-	-	Utility state flags protocol 4, more information click here Flags	FMBXXX	[Expan
522	CisternStateFlags_P4	8	HEX	0	0xffffffffffffffff	-	-	Cistern state flags protocol 4, more information click here Flags	FMBXXX	[Expan
855	Total LNG Used	4	Unsigned	0	214748364	-	kg	Total LNG used in kilograms	FMBXXX	[Expan
856	Total LNG Used Counted	4	Unsigned	0	214748364	-	kg	Total LNG used counted in kg	FMBXXX	[Expan
857	LNG Level Proc	2	Unsigned	0	100	-	%	LNG level in proc	FMBXXX	[Expan
858	LNG Level kg	2	Unsigned	0	6553	-	kg	LNG level in kg	FMBXXX	[Expan

BLE Sensors I/O elements

Property ID in AVL packet	Property Name	Bytes	Type	Value range		Multiplier	Units	Description	HW Support		Parameter Group
				Min	Max						
385	Beacon	Variable	HEX	0	1024	-	-	List of Beacon IDs	FMBXXX	[Expand]	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	FMBXXX	[Expand]	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	FMBXXX	[Expand]	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	FMBXXX	[Expand]	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	FMBXXX	[Expand]	Bluetooth Low Energy
29	BLE Battery #1	1	Unsigned	0	100	-	%	Battery level of sensor #1	FMBXXX	[Expand]	Bluetooth Low Energy
20	BLE Battery #2	1	Unsigned	0	100	-	%	Battery level of sensor #2	FMBXXX	[Expand]	Bluetooth Low Energy
22	BLE Battery #3	1	Unsigned	0	100	-	%	Battery level of sensor #3	FMBXXX	[Expand]	Bluetooth Low Energy
23	BLE Battery #4	1	Unsigned	0	100	-	%	Battery level of sensor #4	FMBXXX	[Expand]	Bluetooth Low Energy
86	BLE Humidity #1	2	Unsigned	0	1000	0.1*	%RH	Humidity	FMBXXX	[Expand]	Bluetooth Low Energy
104	BLE Humidity #2	2	Unsigned	0	1000	0.1*	%RH	Humidity	FMBXXX	[Expand]	Bluetooth Low Energy
106	BLE Humidity #3	2	Unsigned	0	1000	0.1*	%RH	Humidity	FMBXXX	[Expand]	Bluetooth Low Energy
108	BLE Humidity #4	2	Unsigned	0	1000	0.1*	%RH	Humidity	FMBXXX	[Expand]	Bluetooth Low Energy
270	BLE Fuel Level #1	2	Unsigned	0	65535	-	-	Fuel Level	FMBXXX	[Expand]	Bluetooth Low Energy
273	BLE Fuel Level #2	2	Unsigned	0	65535	-	-	Fuel Level	FMBXXX	[Expand]	Bluetooth Low Energy
276	BLE Fuel Level #3	2	Unsigned	0	65535	-	-	Fuel Level	FMBXXX	[Expand]	Bluetooth Low Energy
279	BLE Fuel Level #4	2	Unsigned	0	65535	-	-	Fuel Level	FMBXXX	[Expand]	Bluetooth Low Energy
306	BLE Fuel Frequency #1	4	Unsigned	0	2147483647	-	-	Frequency value of BLE fuel sensor #1	FMBXXX	[Expand]	Bluetooth Low Energy
307	BLE Fuel Frequency #2	4	Unsigned	0	2147483647	-	-	Frequency value of BLE fuel sensor #2	FMBXXX	[Expand]	Bluetooth Low Energy
308	BLE Fuel Frequency #3	4	Unsigned	0	2147483647	-	-	Frequency value of BLE fuel sensor #3	FMBXXX	[Expand]	Bluetooth Low Energy
309	BLE Fuel Frequency #4	4	Unsigned	0	2147483647	-	-	Frequency value of BLE fuel sensor #4	FMBXXX	[Expand]	Bluetooth Low Energy
335	BLE Luminosity #1	2	Unsigned	0	0xFFFF	-	lx	Luminosity value of BLE sensor	FMBXXX	[Expand]	Bluetooth Low Energy
336	BLE Luminosity #2	2	Unsigned	0	0xFFFF	-	lx	Luminosity value of BLE sensor	FMBXXX	[Expand]	Bluetooth Low Energy
337	BLE Luminosity #3	2	Unsigned	0	0xFFFF	-	lx	Luminosity value of BLE sensor	FMBXXX	[Expand]	Bluetooth Low Energy
338	BLE Luminosity #4	2	Unsigned	0	0xFFFF	-	lx	Luminosity value of BLE sensor	FMBXXX	[Expand]	Bluetooth Low Energy
331	BLE 1 Custom #1	256	HEX	0	4294967295	-	-	Custom IO element for BLE sensor	FMBXXX	[Expand]	Bluetooth Low Energy
463	BLE 1 Custom #2	256	HEX	0	4294967295	-	-	Custom IO element for BLE sensor	FMBXXX	[Expand]	Bluetooth Low Energy
464	BLE 1 Custom #3	256	HEX	0	4294967295	-	-	Custom IO element for BLE sensor	FMBXXX	[Expand]	Bluetooth Low Energy
465	BLE 1 Custom #4	256	HEX	0	4294967295	-	-	Custom IO element for BLE sensor	FMBXXX	[Expand]	Bluetooth Low Energy
466	BLE 1 Custom #5	256	HEX	0	4294967295	-	-	Custom IO element for BLE sensor	FMBXXX	[Expand]	Bluetooth Low Energy
332	BLE 2 Custom #1	256	HEX	0	4294967295	-	-	Custom IO element for BLE sensor	FMBXXX	[Expand]	Bluetooth Low Energy
467	BLE 2 Custom #2	256	HEX	0	4294967295	-	-	Custom IO element for BLE sensor	FMBXXX	[Expand]	Bluetooth Low Energy

468	BLE 2 Custom #3	256	HEX	0	4294967295	-	-	Custom IO element for BLE sensor	FMBXXX	[Expand]	Bluetooth Low Energy
469	BLE 2 Custom #4	256	HEX	0	4294967295	-	-	Custom IO element for BLE sensor	FMBXXX	[Expand]	Bluetooth Low Energy
470	BLE 2 Custom #5	256	HEX	0	4294967295	-	-	Custom IO element for BLE sensor	FMBXXX	[Expand]	Bluetooth Low Energy
333	BLE 3 Custom #1	256	HEX	0	4294967295	-	-	Custom IO element for BLE sensor	FMBXXX	[Expand]	Bluetooth Low Energy
471	BLE 3 Custom #2	256	HEX	0	4294967295	-	-	Custom IO element for BLE sensor	FMBXXX	[Expand]	Bluetooth Low Energy
472	BLE 3 Custom #3	256	HEX	0	4294967295	-	-	Custom IO element for BLE sensor	FMBXXX	[Expand]	Bluetooth Low Energy
473	BLE 3 Custom #4	256	HEX	0	4294967295	-	-	Custom IO element for BLE sensor	FMBXXX	[Expand]	Bluetooth Low Energy
474	BLE 3 Custom #5	256	HEX	0	4294967295	-	-	Custom IO element for BLE sensor	FMBXXX	[Expand]	Bluetooth Low Energy
334	BLE 4 Custom #1	256	HEX	0	4294967295	-	-	Custom IO element for BLE sensor	FMBXXX	[Expand]	Bluetooth Low Energy
475	BLE 4 Custom #2	256	HEX	0	4294967295	-	-	Custom IO element for BLE sensor	FMBXXX	[Expand]	Bluetooth Low Energy
476	BLE 4 Custom #3	256	HEX	0	4294967295	-	-	Custom IO element for BLE sensor	FMBXXX	[Expand]	Bluetooth Low Energy
477	BLE 4 Custom #4	256	HEX	0	4294967295	-	-	Custom IO element for BLE sensor	FMBXXX	[Expand]	Bluetooth Low Energy
478	BLE 4 Custom #5	256	HEX	0	4294967295	-	-	Custom IO element for BLE sensor	FMBXXX	[Expand]	Bluetooth Low Energy