DFM Industrial flow meter

**DFM Industrial measures flow rate of liquid in pipeline, also operation time and modes of pump.
For liquids of various viscosity – water, gasoline, diesel, diesel oil, fuel oil.**

Industrial systems   Storage of petroleum products   Diesel-generator stations   Fuel tanker trucks   Sea and river vessels

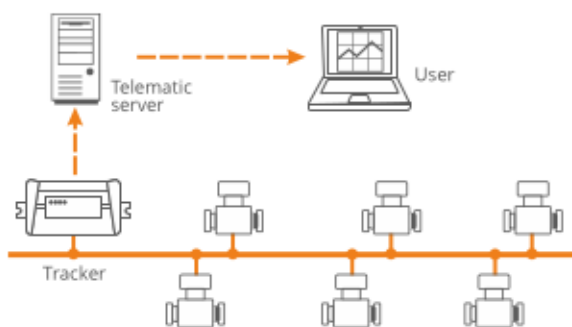## Embedded flow computer on IoT Burger Technology

Parameters and counters	Interface CAN(J1939)/S6	Display	Internal meter memory
Instant liquid consumption	●	●	
Total liquid consumption counter	●	●	●
Liquid consumption in "Idle", "Optimal", "Overload", "Tampering", "Interference" mode counter	●		●
Engine operation time in "Idle", "Optimal", "Overload", "Tampering", "Interference" mode counter	●	●	●
Clearable liquid consumption and engine operation time counters	●	●	●
Differential liquid consumption	●	●	
Temperature in the measuring chamber	●	●	●
Temperature correction coefficient value	●		●
External power supply voltage	●		
Battery charge in percentage of the maximum	●	●	●

⚠ Detected events: air tampering, magnetic field interference, high/low level of supply voltage, ignition switched on/off

⚠ Self-diagnostics of flow meter's operability

Network operation via S6 Technology

Single cable bus for configuration, power supply and signal transfer.

Telematic server   User

Tracker

DFM Industrial models	7	25
Min – max flow rate	0.72 – 7.2 m³/h	2.5 – 25 m³/h
Maximum pressure	16 bar	
Interface	- CAN(J1939)/S6 interface - pulse output - autonomous (without interface)	
Kinematic viscosity of liquid	0,55 – 300 mm²/s (cSt)	
Ambient operation temperature	from – 20 to +60 °C	
Operating principle	oval gears rotation	
Connection to pipeline	flange, thread	
Battery lifetime	up to 36 months	