



DFM Series
DFM-D Series

Fuel Flow Meters Technoton

DFM is a tool with a digital display for direct measurement of fuel consumption, which is used as a part of GPS tracking systems, vehicle telematics systems or as a stand-alone (autonomous) solution for fuel consumption monitoring. This solution is intended for small stationary units or small fleets operating within an enclosed area.

The **DFM-D** differential fuel flow meter is designed for diesel fuel consumption measurement in fuel lines of vehicles and stationary engines. It is used as a part of the GPS vehicle tracking system. In addition, DFM-D registers the working time of the engine in various operation modes.

Applications

- Fuel consumption monitoring
- Fuel theft prevention
- Engine diagnostics
- Machine running time tracking
- Fuel consumption optimization

Key Features

- Digital display
- Accurate and tamper-proof measurement result
- Built-in battery
- Mud filter
- Resistant signal cable

Compatibility

✓ HCV5	✓ LCV5	✓ Pro5	✓ Trace5	✓ FM-Tco4 HCV
✓ FM-Tco4 LCV	✓ FM-Pro4	⊘ FM-Eco4	⊘ FM-Eco4 T	⊘ FM-Plug4

Detailed specifications

DFM Series	DFM-D Series
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Electrical specifications

Supply voltage	10 – 50 V
Overvoltage protection	Up to 100 V
Maximum current rating	50 mA @ 12 V DC

Technical specifications

Temperature range	-40 to +80 °C -20 to +60 °C (with display)	
Nominal pressure	0.2 MPa	
Maximum pressure	2.5 MPa	
Accuracy error rate	< 1%	
Minimal flow rate (model-dependent)	1 – 10 in each chamber, l/h	10 – 100 l/h
Maximum flow rate (model-dependent)	50 – 500 in each chamber, l/h	100 – 500 l/h

Protections and ratings

IP rating	IP54
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Physical properties

Connection thread	M14 x 1.5 mm
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Ordering information

Technoton DFM Series	One-chamber fuel flow meter for small and medium engines with indirect injection fuel system
Technoton DFM-D Series	Two-chamber fuel flow meter for modern engines (common rail or pump injector fuel systems) of vehicles and stationary units.

Contact information:

Perkūnkiemio g. 6
 LT-12130 Vilnius, Lithuania
 Phone: +370 520 451 88
 Web: www.ruptela.com

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