



VZP 4
VZD 8
DFM 8D

Aquametro Fuel Flow Meters

VZP 4 is a fuel flow meter suitable for small engines. It has direct fuel measurement with a remote read-out when the installation place is hidden.

VZD 8 is a fuel flow meter suitable for large engines. It has direct fuel measurement, a digital display and a digital output which allows result transferring to a remote host.

DFM 8D is a fuel flow meter also suitable for small engines. It has differential fuel measurement and a compact 2-chamber system built for extreme environments.

Applications

- Fuel consumption measurement for trucks, buses, trains, construction, small boats, generators and agricultural machinery
- Fuel consumption monitoring and optimization

Key Features

- Accurate and tamper-proof measurement result
- Reading does not depend on the temperature and viscosity
- Robust, vibration-resistant design
- Space-saving, easy installation in horizontal, vertical or inclined position
- High operational safety

Compatibility

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

Detailed specifications

	VZP 4	VZD 8	DFM 8D
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Electrical specifications

Power supply range	12 – 24 V DC		
Maximum current rating	50 mA @ 12 V DC		

Technical specifications

Temperature range	-30 to +80 °C		
Accuracy error rate	Up to 1%		
Nominal pressure	25 bar	25 bar	16 bar
Minimal flow rate	1 l/h	4 l/h	10 l/h
Continuous flow rate	50 l/h	140 l/h	200 l/h
Maximum flow rate	80 l/h	200 l/h	260 l/h
Measuring chamber volume	5.00 cm ³	12.44 cm ³	12.44 cm ³

Protections and ratings

IP rating	IP66		
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Physical properties

Nominal diameter	4 mm	8 mm	8 mm
Weight	650 g	750 g	650 g
Connection thread	Hydraulic, M14 x 1.5 mm		

Ordering information

VZP 4	Fuel flow meter for low flow measurement with remote read-out
VZD 8	Fuel flow meter for high flow measurement with digital display and output
DFM 8D	Fuel flow meter for differential low flow measurement

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