



ELC-401
ELC-801
DFM 4D
DFM 8D

Eljunga Fuel Flow Meters

ELC401 and **ELC801** are one-way mechanical fuel flow meters with an internal threaded connection located on the bottom plate. Assembled with an additional filter and an IP67 housing.

DFM 4D and **DFM 8D** are two-way fuel meters with 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
- Manual dosing and batching
- Flow measurement for machine and motor/engine oils

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

	ELC-401	ELC-801	DFM 4D	DFM 8D
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Technical specifications

Flow meter	VZ04	VZ08	2 x VZ04	2 x VZ08
Temperature range	-30 to +90 °C			
Accuracy error rate	± 1%			
Minimal flow rate	1 l/h	4 l/h	1 l/h	4 l/h
Nominal flow rate	50 l/h	135 l/h	50 l/h	135 l/h
Maximum flow rate	80 l/h	200 l/h	80 l/h	200 l/h
Measuring chamber volume	5.00 cm ³	12.5 cm ³	2 x 5.00 cm ³	2 x 12.5 cm ³
Fuel connection scheme	Direct One signal line for incoming line		Differential One signal line for incoming fuel One signal line for returning fuel	
Calibration	Not necessary		Recommended	

Protections and ratings

IP rating	IP67	IP66
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Ordering information

Eljunga ELC-401	One-way fuel flow meter with fuel filter for low flow measurement
Eljunga ELC-801	One-way fuel flow meter with fuel filter for high flow measurement
Eljunga DFM 4D	Two-way fuel flow meter with fuel filter for low flow measurement
Eljunga DFM 8D	Two-way fuel flow meter with fuel filter for high flow measurement

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