

Electromagnetic Flowmeter FXL4000 (COPA-XL)

Flow measurement can be so easy



- Low price
- Short delivery time
- Various applications
- Easy handling and installation
- Ready-to-operate device

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FXL4000 (COPA-XL) – the cost-effective electromagnetic flowmeter with a short delivery time



FXL4000 is the right choice. It is a cost-effective instrument for pipes with a nominal size DN of 10-300 and allows you to benefit from magneto-inductive measurement without requiring a high expenditure.

FXL4000 has no moving parts, is maintenance-free and does not cause any drag reduction. This light-weight sensor with integrated electronics can be installed directly in the pipe without requiring additional mountings. The power supply and the signal outputs are simply connected via plugs. FXL4000 is ready to operate, saving you time and cost.

Operating convenience

FXL4000 is locally configured via its keypad. Menu-guidance with plain text instruction on the display makes setup so easy. During operation, the big, high-contrast display indicates the current flow rate in the first line and the total count in the second line.

Technical data

Nominal size	DN 10-300
Rated pressure	PN 10-40
Lining	PTFE, hard rubber
Max. media temperature	80 °C
Supply voltage	24 V AC/DC
Signal outputs	0/4...20 mA, pulse output, system alarm
Measuring accuracy	0.5 % of measuring value

Applications

FXL4000 is designed for flow measurement of media in so different fields as drinking water conditioning plants, dosing stations, sewage treatment plants, and water in chemical processes.

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Measuring ranges

Nominal size DN	Min. measuring range, flow rate	
	0 to 0.5 m/s	0 to 10 m/s
10	0 to 2.25 l/min	0 to 45 l/min
15	0 to 5.0 l/min	0 to 100 l/min
20	0 to 7.5 l/min	0 to 150 l/min
25	0 to 10 l/min	0 to 200 l/min
32	0 to 20 l/min	0 to 400 l/min
40	0 to 30 l/min	0 to 600 l/min
50	0 to 3 m³/h	0 to 60 m³/h
65	0 to 6 m³/h	0 to 120 m³/h
80	0 to 9 m³/h	0 to 180 m³/h
100	0 to 12 m³/h	0 to 240 m³/h
125	0 to 21 m³/h	0 to 420 m³/h
150	0 to 30 m³/h	0 to 600 m³/h
200	0 to 54 m³/h	0 to 1080 m³/h
250	0 to 90 m³/h	0 to 1800 m³/h
300	0 to 120 m³/h	0 to 2400 m³/h



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