

LVB-15-P

Low-Flow Vortex Flow Meter for Liquids



Technical specifications

Measurement & control

Type of media	liquids water-like
Flow range	3.5...50 l/min
Accuracy	< 2% RD (≥ 50% FS) < 1% FS (< 50% FS)
Turndown ratio	up to 1:20
Operating temperature	< 125 °C
Fluid temperature	< 125 °C
Pressure drop	(6,7 * Q2) / 100 (mbar)
Mounting	in any position
Storage/transport conditions	0...50 °C, max. 95% RH (non-condensing)

Approvals

Marking	CE, RoHS, WEEE, REACH
Approvals & Certificates	KTW/W270

Mechanical specs

Pressure rating (PN)	12
Ingress protection	IP65
Material wetted parts	ETFE (sensor paddle), PA6T/6I 40% GF (body)
Sealing material	EPDM
Sensor inner diameter	DN15
Process connections	G3/4

Electrical properties

Power supply	10...30 Vdc
Power consumption	0.066 W
Analog output	4...20 mA
Frequency/Pulse output	square pulse output, 20...272 Hz

Electrical interfaces

Power (main connector)	4-pin M12A (male)
Function (instrument connector)	Analog