

ILVIBL - VIBRATION SWITCH LEVEL FOR LIQUIDS

Compact vibrating level switch for liquids for general purpose as overflow or protection against dry running.

- No calibration required
- Piezo elements screwed
- High reproducibility
- Product-independent switching point
- No moving parts, no maintenance



DESCRIPTION

The sensors can be installed in any position, as long as they are level with pre-set switching points. The different kind of product and the individual operational needs require specific installations to be performed taking into account the required mounting (threaded, flanged, vertical, horizontal, etc.).

TECHNICAL SPECIFICATIONS

Supply:	12...35Vdc
Housing material:	PVDF /AISI316
Sensor material:	AISI316 stainless steel
Process connection:	G 1"; G 3/4", G 1/2 DIN 2999
Protection:	IP66
Operative pressure:	40 bar (-20°C e +70°C)
Temperature:	fluid 70°C, HT version 150°C
Load capacity:	0,5 A max (5A per 40 ms)
Min switching current:	7.5 mA
OFF state:	leakage current <2 mA constant
Voltage drop:	4.5 V @ 500 mA, 10V @ 7.5 mA
Delay:	1 sec voltage / clean 1 sec clean / voltage
Viscosity:	5000 cst max @ 25°C
Hysteresis:	4 mm vertical, 1 mm horizontal
Repeatability:	'+/- 1 mm



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