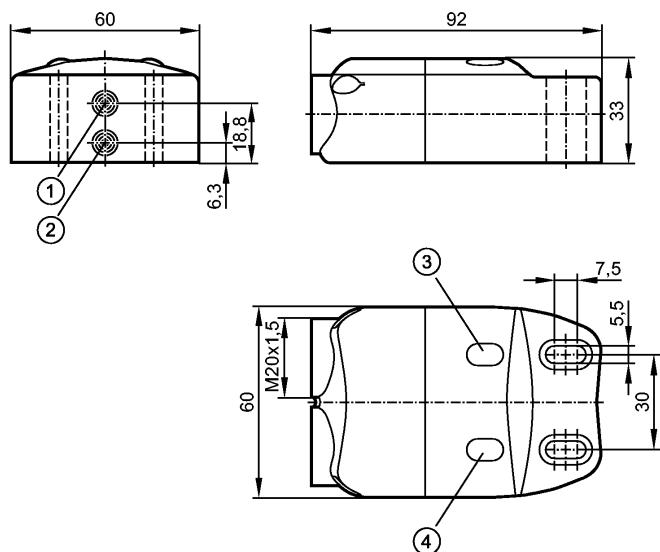


Valve sensors



1: sensor 1

2: sensor 2

3: LED OUT 2

4: LED OUT 1

Made in Germany

CE

Product characteristics

Inductive sensor

Rectangular, plastics

Terminals

Dual sensor for actuator feedback

Sensing range 4 mm; [nf] non-flush mountable

Electrical data

Electrical design	DC PNP
Operating voltage [V]	10...30 DC *)
Current consumption [mA]	15; a maximum of one output is switched
Protection class	III
Reverse polarity protection	yes

Outputs

Output function	2 x normally open
Voltage drop [V]	< 2.5
Current rating [mA]	100
Short-circuit protection	pulsed
Overload protection	yes
Switching frequency [Hz]	500
Valve control	24 (< 20 W)

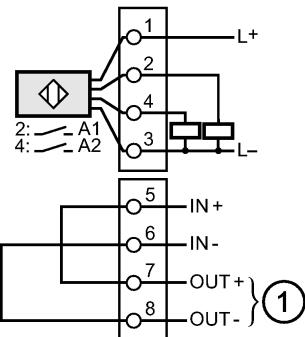
Range

Sensing range [mm]	4
Real sensing range (Sr) [mm]	4 ± 10 %
Operating distance [mm]	0...3.25

Accuracy / deviations

Correction factors	mild steel = 1 / stainless steel approx. 0.7 / brass approx. 0.5 / Al approx. 0.4 / Cu approx. 0.3
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Valve sensors

Hysteresis	[% of Sr]	1...15
Switch-point drift	[% of Sr]	-10...10
Environment		
Ambient temperature	[°C]	-25...80
Protection		IP 67
Tests / approvals		
EMC		EN 60947-5-2 EN 55011: class B
MTTF	[Years]	1072
Mechanical data		
Mounting		non-flush mountable
Housing materials		housing: PA (polyamide); screws: stainless steel; washer: stainless steel
Weight	[kg]	0.17
Displays / operating elements		
Output status indication	LED	2 x yellow
Electrical connection		
Connection		Terminal strip in the terminal chamber
Wiring		
		
1: solenoid valve		
Accessories		
Accessories (included)		2 washers; 2 cylinder head screw; M5 x 18
Remarks		
Remarks		*) to PELV
Pack quantity	[piece]	1

FLUXER
FLOOD CONTROL