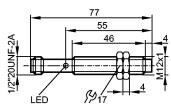




IFA2004-ABOW/SL/LS-100AK RT

Inductive sensors



		LED 3917
(M) (€		
Product characteristics		
Inductive sensor		
Metal thread M12 x 1		
Connector		
Sensing range 4 mm; [nf] no	n-flush mo	ountable
Electrical data		
Electrical design		AC
Operating voltage	[V]	20250 AC (4763 Hz)
Protection class		
Reverse polarity protection		no
Outputs		
Output function		normally open
Voltage drop	[V]	< 8.5
Minimum load current	[mA]	8
Leakage current	[mA]	< 2
Current rating	[117/4]	```
- Current rating (continuous)	[mA]	200; 250 (50 °C)
- Current rating (peak)	[mA]	î: 0.9 A (20 ms / 0.5 Hz)
	[IIIA]	· · · · · · · · · · · · · · · · · · ·
Short-circuit proof		no
Overload protection		no
Switching frequency	[Hz]	25
Range	1	<u>.</u>
Sensing range	[mm]	4
Real sensing range (Sr)	[mm]	4 ± 10 %
Operating distance	[mm]	03.25
Accuracy / deviations	1	
Correction factors		mild steel = 1 / stainless steel approx. 0.7 / brass approx. 0.4 / Al approx. 0.4 / Cu
		approx. 0.3
Hysteresis	[% of Sr]	315
Switch-point drift	[% of Sr]	-1010
Environment		
Ambient temperature	[°C]	-2580
Protection		IP 67
Tests / approvals		
EMC		EN 60947-5-2
		EN 55011: class B
MTTF	[Years]	932
Mechanical data		
Mounting		non-flush mountable
Housing materials		Brass white bronze coated; PC (polycarbonate)
Weight	[kg]	0.035
Displays / operating element		
	1	
Output status indication	LED	Red

IF0301 - Inductive sensor - eclass: 27270101 / 27-27-01-01

[piece]

Pack quantity

Connection

Wiring

Note: miniature fuse to IEC60127-2 sheet 1,

≤ 2 A (fast acting)

Accessories

Accessories (included)

Remarks

Remarks

Recommendation: check the unit for reliable function after a short circuit.

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