

Product characteristics

Inductive sensor

Metal thread M12 x 1

Cable with connector

Sensing range 5.5 mm; [nf] non-flush mountable

Electrical data

Electrical design

Operating voltage [V]

Current consumption [mA]

Protection class

Reverse polarity protection

DC PNP

10...36 DC

15 (24 V)

III

yes

Outputs

Output function

Voltage drop [V]

Current rating [mA]

Short-circuit protection

Overload protection

Switching frequency [Hz]

normally open

< 2.5

150

pulsed

yes

800

Range

Sensing range [mm]

Real sensing range (Sr) [mm]

Operating distance [mm]

5.5

5.5 ± 10 %

0...4.45

Accuracy / deviations

Correction factors

Hysteresis [% of Sr]

Switch-point drift [% of Sr]

Environment

Ambient temperature [°C]

Protection

Tests / approvals

EMC

MTTF [Years]

Mechanical data

Mounting

Housing materials

Weight [kg]

mild steel = 1 / stainless steel approx. 0.7 / brass approx. 0.5 / Al approx. 0.4 / Cu approx. 0.3

3...15

-10...10

10...50

IP 67

EN 60947-5-2

EN 55011:

class B

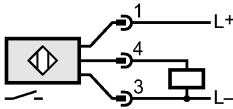
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non-flush mountable

Brass white bronze coated; PBT (Pocan)

0.028

IF5913 - Inductive sensor - eclass: 27270101 / 27-27-01-01

Electrical connection	
Connection	PUR cable / 0.185 m; 3 x 0.14 mm²; highly flexible, with M8 connector
Wiring	
<div><div><div>4</div><div><div>1</div><div>3</div></div></div><div></div></div>	
Accessories	
Accessories (included)	2 lock nuts
Remarks	
Pack quantity	[piece] 1
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