

Product characteristics

Inductive sensor

Rectangular, plastics

Quick disconnect

Weld field immune

Sensing range 2 mm; [nf] non-flush mountable

Electrical data

Electrical design

Operating voltage [V]

Current consumption [mA]

Protection class

Reverse polarity protection

Outputs

Output function

Voltage drop [V]

Current rating [mA]

Short-circuit protection

Overload protection

Switching frequency [Hz]

Monitoring range

Sensing range [mm]

Real sensing range (Sr) [mm]

Operating distance [mm]

Accuracy / deviations

Correction factors

Switch-point drift [% of Sr]

Environment

Ambient temperature [°C]

Protection

Tests / approvals

EMC

Mechanical data

Mounting

Housing materials

Length (L) [mm]

DC PNP

10...30 DC

15 (24 V)

II

yes

2 x normally open

< 2

200

yes (non-latching)

yes

25

2

2 ± 10 %

0...1.62

mild steel = 1 / stainless steel approx. 0.85 / aluminium approx. 0.4 / copper approx. 0.3

-10...10

-25...70

IP 67

IEC 1000-4-2/3/4/5/6

non-flush mountable

ABS

120 (Ø 1.5)

IN5374 - Inductive sensor - eclass: 27270101 / 27-27-01-01

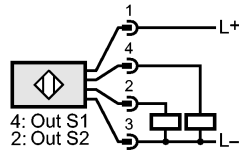
Displays / operating elements

Output status indication	LED	1 x yellow; 1 x red
Power	LED	green

Electrical connection

Connection	M12 connector
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Wiring



Remarks

Pack quantity	[piece]	1
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