

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]

DC PNP

10...30 DC

Current consumption [mA]

15 (24 V)

Protection class

II

Reverse polarity protection

yes

Outputs

Output function

2 x normally open

Voltage drop [V]

< 2

Current rating [mA]

200

Short-circuit protection

yes (non-latching)

Overload protection

yes

Switching frequency [Hz]

25

Monitoring range

Sensing range [mm]

2

Real sensing range (Sr) [mm]

2 ± 10 %

Operating distance [mm]

0...1.62

Accuracy / deviations

Correction factors

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

Switch-point drift [% of Sr]

-10...10

Environment

Ambient temperature [°C]

-25...70

Protection

IP 67

Tests / approvals

EMC

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

Mechanical data

Mounting

non-flush mountable

Housing materials

ABS

Length (L) [mm]

160 (Ø 1.5)

# IN5375 - Inductive sensor - eclass: 27270101 / 27-27-01-01

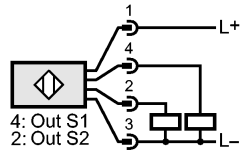
Displays / operating elements

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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