

Product characteristics

Inductive sensor

Metal thread M8 x 1

Connector

Sensing range 2 mm; [f] 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]

Range

Sensing range [mm]

Real sensing range (Sr) [mm]

Operating distance [mm]

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]

Displays / operating elements

Output status indication LED

Electrical connection

Connection

Wiring

DC PNP

10...36 DC; to PELV

< 15

III

yes

normally open

< 2.5

100

pulsed

yes

1000

2

2 ± 10 %

0...1.62

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

1...15

-10...10

0...100

IP 67

EN 60947-5-2

2138

flush mountable

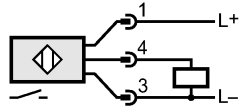
housing: high-grade stainless steel; active face: PEEK (polyether ether ketone)

0.024

yellow (4 x 90°)

M12 connector

IE5392 - Inductive sensor - eclass: 27270101 / 27-27-01-01



Accessories

Accessories (included)

2 lock nuts

Remarks

Pack quantity

[piece]

1