

Product characteristics

Inductive sensor

Metal thread M8 x 1

Cable with 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

- Current rating (continuous) [mA]

- Current rating (peak) [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

DC PNP

10...36 DC

15 (24 V)

III

yes

normally open

< 2.5

250

250

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

-25...70

IP 67

EN 60947-5-2

EN 55011:

class B

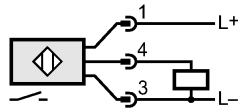
3502

flush mountable

IE5324 - Inductive sensor - eclass: 27270101 / 27-27-01-01

| | |
|-------------------------------|---|
| Housing materials | Brass white bronze coated; LCP |
| Weight [kg] | 0.041 |
| Displays / operating elements | |
| Output status indication LED | Red |
| Electrical connection | |
| Connection | PUR cable / 0.8 m; 3 x 0.14 mm ² ; flame-retardant (FRNC), with M12 connector, rotatable |

Wiring



| | |
|------------------------|-------------|
| Accessories | |
| Accessories (included) | 2 lock nuts |
| Remarks | |
| Pack quantity [piece] | 1 |