

Product characteristics

Inductive sensor

Rectangular, plastics

Cable with connector

Sensing range 4 mm; [nf] non-flush mountable

Electrical data

Electrical design

Operating voltage [V]

Reverse polarity protection

Outputs

Output function

Voltage drop [V]

Minimum load current [mA]

Leakage current [mA]

Current rating

- Current rating (continuous) [mA]

- Current rating (peak) [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

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

AC/DC

20...140 AC / 10...140 DC (47...63 Hz AC)

no

2 x normally open

< 5

5

< 0.8

200

\hat{i} : 0.9 A (20 ms / 0.5 Hz)

no

no

25

4

$4 \pm 10 \%$

0...3.25

mild steel = 1 / stainless steel approx. 0.7 / brass approx. 0.5 / aluminium approx. 0.4 / copper approx. 0.3

3...15

-10...10

-25...80

IP 67

EN 60947-5-2

507

non-flush mountable

PBT; PC (polycarbonate)

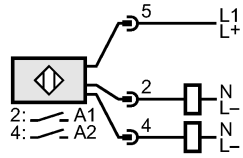
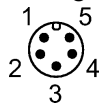
0.82

2 x red

PVC cable / 0.1 m; with 7/8" connector

IN3502 - Inductive sensor - eclass: 27270101 / 27-27-01-01

Wiring



Remarks

Pack quantity [piece] 1