

Product characteristics

Inductive sensor

Plastic housing Ø 100 mm

Cable

Sensing range 70 mm; adjustable 20...70 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]

Range

Sensing range [mm]

Real sensing range (Sr) [mm]

Accuracy / deviations

Correction factors

Hysteresis [% of Sr]

Switch-point drift [% of Sr]

Environment

Ambient temperature [°C]

Protection

Tests / approvals

EMC

Mechanical data

Mounting

Housing materials

Weight [kg]

Displays / operating elements

Output status indication

Electrical connection

DC NPN

10...36 DC

15 (24 V)

II

yes

normally open

< 2.5

250

pulsed

yes

5

70, adjustable 20...70 mm

70 ± 10 %

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

< 15

-15...15

-20...70

IP 65

EN 60947-5-2

non-flush mountable

PBT

0.486

yellow

I17002 - Inductive sensor - eclass: 27270101 / 27-27-01-01

Connection

PVC cable / 2 m; 3 x 0.5 mm²

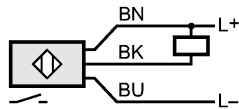
Wiring

Core colours

BK black

BN brown

BU blue



Remarks

Pack quantity

[piece]

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