

Product characteristics

Inductive sensor

Rectangular, plastics

Cable

Sensing range 5 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]

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

DC PNP

10...36 DC

15 (24 V)

II

yes

normally open

< 2.5

250

yes (non-latching)

yes

400

5

5 ± 10 %

0...4.05

mild steel = 1 / stainless steel approx. 0.7 / brass approx. 0.4 / aluminium approx. 0.3 / copper approx. 0.2

1...15

-10...10

-25...80

IP 67

EN 60947-5-2

1896

flush mountable

PBT

0.06

yellow

IW5051 - Inductive sensor - eclass: 27270101 / 27-27-01-01

Electrical connection

Connection

PVC cable / 2 m; 3 x 0.14 mm²

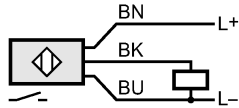
Wiring

Core colors

BN brown

BU blue

BK black



Remarks

Pack quantity

[piece]

1

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