

Product characteristics

Inductive sensor

Rectangular, plastics

Quick disconnect

Sensing range 20 mm; [nf] non-flush mountable

Electrical data

Electrical design

Operating voltage [V]

Current consumption [mA]

Reverse polarity protection

Outputs

Output function

Voltage drop [V]

Minimum load current [mA]

Current rating [mA]

Short-circuit protection

Overload protection

Switching frequency [Hz]

Monitoring 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

Displays / operating elements

Output status indication

Electrical connection

DC

10...36 DC

< 15

yes

normally open / closed programmable

< 1.6

0

250

yes

yes

350

20

20 ± 10 %

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

3...15

-10...10

-25...80

IP 65

EN 60947-5-2

EN 55011:

class B

non-flush mountable

PPO (Noryl)

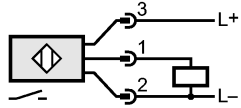
red

IM8504 - Inductive sensor - eclass: 27270101 / 27-27-01-01

Connection

Quick disconnect

Wiring



Remarks

Remarks

remove jumper for normally closed

Pack quantity

[piece]

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