

Product characteristics

Inductive sensor

Metal thread M12 x 1

Connector

Sensing range 4 mm; [f] flush mountable

Electrical data

Electrical design

Operating voltage [V]

Current consumption [mA]

Protection class

Reverse polarity protection

DC PNP

10...36 DC

15 (24 V)

II

yes

Outputs

Output function

Voltage drop [V]

Current rating [mA]

Short-circuit protection

Overload protection

Switching frequency [Hz]

normally open

< 1

250

pulsed

yes

400

Range

Sensing range [mm]

Real sensing range (Sr) [mm]

Operating distance [mm]

4

4 ± 10 %

0...3.25

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

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

1812

flush mountable

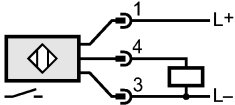
Brass safe-coated; PC

0.034

IF6015 - Inductive sensor - eclass: 27270101 / 27-27-01-01

| | | |
|--------------------------|-----|---------------|
| Output status indication | LED | 4 x yellow |
| Electrical connection | | |
| Connection | | M12 connector |

Wiring



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