



Product characteristics

Inductive sensor

Metal thread M12 x 1

Cable

Sensing range 2 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 LED

Electrical connection

Connection

Wiring

DC PNP

10...36 DC

15 (24 V)

II

yes

normally open

< 2.5

150

yes (non-latching)

yes

1500

2

2 ± 10 %

0...1.6

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 67

EN 60947-5-2

EN 55011:

class B

2531

flush mountable

brass white bronze coated; active face: PC (polycarbonate)

0.098

yellow

PVC cable / 2 m; 3 x 0.34 mm<sup>2</sup>

# IF5188 - Inductive sensor - eclass: 27270101 / 27-27-01-01

## Core colors

BN brown

BU blue

BK black



## Accessories

Accessories (included)

2 lock nuts

## Remarks

Pack quantity

[piece]

1