



Product characteristics

Inductive sensor

Metal thread M12 x 1

Quick disconnect

Increased sensing range

Sensing range 4 mm; [f] flush mountable

Electrical data

Electrical design

DC PNP

Operating voltage [V]

10...36 DC

Current consumption [mA]

15 (24 V)

Protection class

II

Reverse polarity protection

yes

Outputs

Output function

normally open

Voltage drop [V]

< 2.5

Current rating [mA]

250

Short-circuit protection

yes (non-latching)

Overload protection

yes

Switching frequency [Hz]

250

Monitoring range

Sensing range [mm]

4

Accuracy / deviations

Correction factors

mild steel = 1 / stainless steel approx. 0.7 / brass approx. 0.5 / aluminium approx. 0.4 / copper approx. 0.3

Hysteresis [% of Sr]

3...20

Environment

Ambient temperature [°C]

-25...70

Protection

IP 67

Tests / approvals

MTTF [Years]

1965

Mechanical data

Mounting

flush mountable

Housing materials

brass nickel-plated; PC (polycarbonate)

Weight [kg]

0.029

Displays / operating elements

Output status indication LED

yellow

Electrical connection

Connection

M12 connector

Wiring

IF5917 - Inductive sensor - eclass: 27270101 / 27-27-01-01



Accessories

Accessories (included)

2 lock nuts

Remarks

Pack quantity

[piece]

1