



Product characteristics

Inductive sensor

Metal thread M30 x 1.5

Quick disconnect

Ferrous only

aluminum chip immune

Sensing range 8 mm; [f] flush mountable

Electrical data

Electrical design

DC PNP

Operating voltage [V]

10...30 DC

Current consumption [mA]

< 10

Protection class

II

Reverse polarity protection

yes

Outputs

Output function

normally open

Voltage drop [V]

< 2

Current rating [mA]

200

Short-circuit protection

yes (non-latching)

Overload protection

yes

Switching frequency [Hz]

50

Monitoring range

Sensing range [mm]

8

Real sensing range (Sr) [mm]

8 ± 10 %

Operating distance [mm]

0...6.48

Environment

Ambient temperature [°C]

0...60

Protection

IP 67

Tests / approvals

EMC

EN 60947-5-2

Mechanical data

Mounting

flush mountable

Housing materials

housing: stainless steel; active face: stainless steel

Weight [kg]

0.173

Displays / operating elements

Output status indication LED

yellow (4 x 90°)

Electrical connection

Connection

M12 connector

Wiring

II5904 - Inductive sensor - eclass: 27270101 / 27-27-01-01



Accessories

Accessories (included)

2 lock nuts

Remarks

Pack quantity

[piece]

1

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