

Product characteristics

Inductive sensor

Metal thread M18 x 1

Cable with connector

Increased sensing range

Sensing range 8 mm; [f] flush mountable

Electrical data

Electrical design

DC PNP/NPN

Operating voltage [V]

10...36 DC

Reverse polarity protection

no

Outputs

Output function

normally open

Voltage drop [V]

5

Minimum load current [mA]

5

Leakage current [mA]

< 1

Current rating [mA]

100

Short-circuit protection

no

Overload protection

no

Switching frequency [Hz]

100

Monitoring range

Sensing range [mm]

8

Accuracy / deviations

Correction factors

mild steel = 1 / stainless steel approx. 0.7 / aluminium approx. 0.4

Hysteresis [% of Sr]

3...15

Switch-point drift [% of Sr]

-10...10

Environment

Ambient temperature [°C]

-25...70

Protection

IP 67

Tests / approvals

EMC

EN 60947-5-2

EN 55011:

class B

Mechanical data

Mounting

flush mountable

Housing materials

brass nickel-plated; PC (polycarbonate)

Weight [kg]

0.101

Displays / operating elements

Output status indication

LED

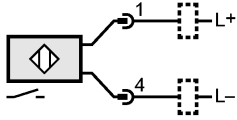
1 x red / 1 x green

Electrical connection

IG5818 - Inductive sensor - eclass: 27270101 / 27-27-01-01

Connection	PUR cable / 0.3 m; 2 x 0.5 mm ² ; with M12 connector
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Wiring



Accessories

Accessories (included)	2 lock nuts
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Remarks

Pack quantity	[piece]	1
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