

Product characteristics

Inductive sensor

Metal thread M30 x 1.5

Cable

Sensing range 10 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

DC PNP

10...36 DC

< 15

III

yes

normally open

< 2.5

250

yes

yes

300

10

10 ± 10 %

0...8.1

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

1...15

-10...10

-50...70

IP 67

EN 60947-5-2

1263

flush mountable

brass white bronze coated; active face: PBT

0.346

II5907 - Inductive sensor - eclass: 27270101 / 27-27-01-01

Output status indication	LED	yellow
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Electrical connection		
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Connection		PUR cable / 5 m; 3 x 0.5 mm ²
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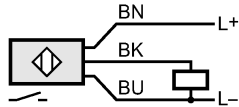
Wiring

Core colors

BN brown

BU blue

BK black



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