

Product characteristics

Inductive sensor

Metal thread M8 x 1

Quick disconnect

Sensing range 4 mm; [nf] non-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; cULus - Class 2 source required

15 (24 V)

III

yes

normally open

< 2.5

250

yes (non-latching)

yes

300

4

4 ± 10 %

0...3.25

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

1...10

-10...10

0...70

IP 67

EN 60947-5-2

3491

non-flush mountable

brass white bronze coated; LCP

0.025

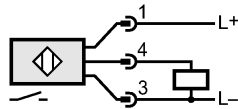
IE5331 - Inductive sensor - eclass: 27270101 / 27-27-01-01

Output status indication	LED	yellow (4 x 90°)
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Electrical connection		
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Connection		M12 connector
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Wiring



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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