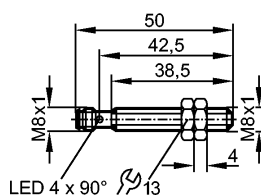


IE5328

IEB3002BBPKG/AS-514-TPS/RT

Inductive sensors


Made in Germany

Product characteristics

Inductive sensor

Metal thread M8 x 1

Connector

Increased sensing range

Sensing range 2 mm; [f] flush mountable

Electrical data

Electrical design DC PNP

Operating voltage [V] 10...36 DC

Current consumption [mA] < 15 (24 V)

Protection class III

Reverse polarity protection yes

Outputs

Output function normally open

Voltage drop [V] < 1.6

Current rating

- Current rating (continuous) [mA] 250

- Current rating (peak) [mA] 250

Short-circuit protection pulsed

Overload protection yes

Switching frequency [Hz] 1000

Range

Sensing range [mm] 2

Operating distance [mm] 0...1.6

Accuracy / deviations

Correction factors mild steel = 1 / stainless steel approx. 0.7 / brass approx. 0.5 / Al approx. 0.4 / Cu approx. 0.3

Hysteresis [% of Sr] 1...20

Environment

Ambient temperature [°C] 0...70

Protection IP 67; if screwed on; "Coolant"

Tests / approvals

EMC EN 60947-5-2

MTTF [Years] 2359

Mechanical data

Mounting flush mountable

Housing materials Brass white bronze coated; LCP

Weight [kg] 0.021

IE5328

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Inductive sensors

Displays / operating elements

Output status indication	LED	Red
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Electrical connection

Connection	M8 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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