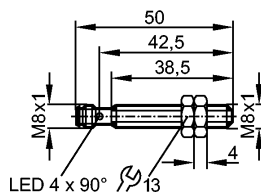


IE5328

IEB3002BBPKG/AS-514-TPS/RT

Inductive sensors



Product characteristics

Inductive sensor
Metal thread M8 x 1
Quick disconnect
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	yes (non-latching)
Overload protection	yes
Switching frequency [Hz]	1000

Monitoring 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 / aluminium approx. 0.4 / copper 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

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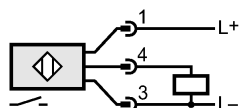
Displays / operating elements

Output status indication LED red

Electrical connection

Connection M8 connector

Wiring



Accessories

Accessories (included) 2 lock nuts

Remarks

Pack quantity [piece] 1