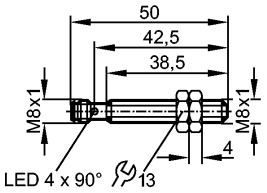
efector100

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

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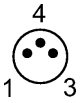
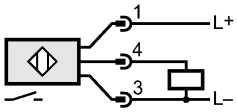
Displays / operating elements		
Output status indication	LED	Red

Electrical connection	
Connection	M8 connector

Wiring





Accessories	
Accessories (included)	2 lock nuts

Remarks		
Pack quantity	[piece]	1