

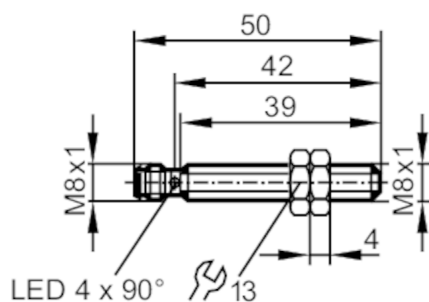
Inductive sensor

IEB3002,5BPOG/AS-510-TPS

Article no longer available - archive entry

Alternative articles: IE5292

When selecting an alternative article and accessories please note that technical data may differ!



Product characteristics

Electrical design	PNP
Output function	normally open
Sensing range [mm]	2.5
Housing	threaded type
Dimensions [mm]	M8 x 1 / L = 50

Electrical data

Operating voltage [V]	10...30 DC
Current consumption [mA]	15; (24 V)
Reverse polarity protection	no

Outputs

Electrical design	PNP
Output function	normally open
Max. voltage drop switching output DC [V]	1
Permanent current rating of switching output DC [mA]	200
Switching frequency DC [Hz]	2000
Short-circuit protection	no
Overload protection	no

Detection zone

Sensing range [mm]	2.5
Real sensing range Sr [mm]	2.5 ± 10 %
Operating distance [mm]	2.03

Accuracy / deviations

Correction factor	steel: 1 / stainless steel: 0.7 / brass: 0.4 / aluminium: 0.3 / copper: 0.2
Hysteresis [% of Sr]	1...15
Switch point drift [% of Sr]	-10...10

Operating conditions

Ambient temperature [°C]	0...60
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IE5245



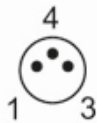
Inductive sensor

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Protection	IP 65		
Mechanical data			
Housing	threaded type		
Mounting	non-flush mountable		
Dimensions	[mm]	M8 x 1 / L = 50	
Thread designation	M8 x 1		
Materials	housing: brass nickel-plated; sensing face: PBT		
Displays / operating elements			
Display	switching status	1 x LED, yellow	
Accessories			
Items supplied	lock nuts: 2		
Remarks			
Pack quantity	1 pcs.		

Electrical connection - plug

Connector: 1 x M8; coding: A



Connection

