

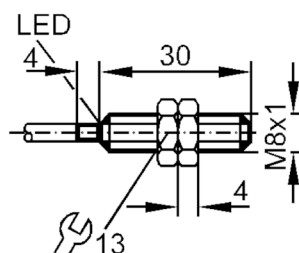
Inductive sensor

IEB3001-BPKG

Article no longer available - archive entry

Alternative articles: IE5267

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]	1
Housing	threaded type
Dimensions [mm]	M8 x 1

Electrical data

Operating voltage [V]	10...30 DC
Current consumption [mA]	< 15
Reverse polarity protection	yes

Outputs

Electrical design	PNP
Output function	normally open
Max. voltage drop switching output DC [V]	1.8
Permanent current rating of switching output DC [mA]	150
Switching frequency DC [Hz]	5000
Short-circuit protection	yes
Type of short-circuit protection	pulsed

IE5262



Inductive sensor

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Overload protection		yes	
Detection zone			
Sensing range	[mm]	1	
Real sensing range Sr	[mm]	1 ± 10 %	
Operating distance	[mm]	0...0.8	
Accuracy / deviations			
Correction factor		steel: 1 / stainless steel: 0.7 / brass: 0.4 / aluminium: 0.3 / copper: 0.2	
Hysteresis	[% of Sr]	3...15	
Switch point drift	[% of Sr]	-10...10	
Operating conditions			
Ambient temperature	[°C]	-25...70	
Protection		IP 67	
Tests / approvals			
EMC		EN 60947-5-2	
		EN 55011	class B
Mechanical data			
Housing		threaded type	
Mounting		flush mountable	
Dimensions	[mm]	M8 x 1	
Thread designation		M8 x 1	
Materials		PA 12-GF30; brass chromium-plated	
Displays / operating elements			
Display		switching status	1 x LED, red
Accessories			
Items supplied		lock nuts: 2	
Remarks			
Pack quantity		1 pcs.	

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Electrical connection

Cable: 2 m, PVC; highly flexible; 3 x 0.25 mm²

Connection



BK =	Core colours :
BN =	black
BU =	brown
	blue