

IE5210



Inductive sensor

IEB3002-BPOG

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Alternative articles: IE5261

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
Housing		threaded type
Dimensions	[mm]	M8 x 1 / L = 35

Electrical data

Operating voltage	[V]	10...36 DC
Current consumption	[mA]	10; (24 V)
Protection class		II
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]	750
Short-circuit protection		no
Overload protection		no

Detection zone

Sensing range	[mm]	2
Real sensing range Sr	[mm]	2 ± 10 %
Operating distance	[mm]	0...1.6

Accuracy / deviations

Correction factor		steel: 1 / stainless steel: 0.7 / brass: 0.4 / aluminium: 0.4 / copper: 0.3
Hysteresis	[X01]	3...15
Switch point drift	[X01]	-10...10

Operating conditions

Ambient temperature	[°C]	-25...80
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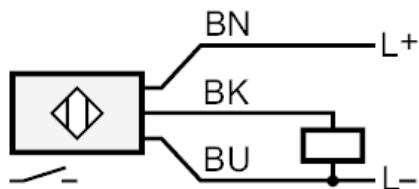
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Protection	IP 67	
Mechanical data		
Housing	threaded type	
Mounting	non-flush mountable	
Dimensions [mm]	M8 x 1 / L = 35	
Thread designation	M8 x 1	
Materials	brass nickel-plated; PBT	
Displays / operating elements		
Display	switching status	1 x LED, yellow
Аксессуары		
Items supplied	lock nuts: 2	
Remarks		
Pack quantity	1 pcs.	
Electrical connection		
Cable: 2 m, PVC; 3 x 0.14 mm²		
Connection		



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