IE5272

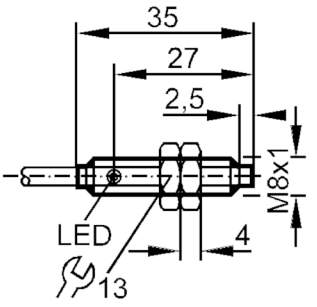
Inductive sensor

IEB3002-BPOG/V4A/10M

Article no longer available - archive entry

Alternative articles: IE5287

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



CE

Product characteristics		
Electrical design		PNP
Output function		normally open
Sensing range	[mm]	2
Housing		Threaded type
Dimensions	[mm]	M8 x 1
Electrical data		
Operating voltage	[V]	10...30 DC
Current consumption	[mA]	< 15
Protection class		II
Reverse polarity protection		yes
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		yes

IE5272

Inductive sensor

IEB3002-BPOG/V4A/10M

Type of short-circuit protection		yes (non-latching)	
Overload protection		yes	
Monitoring range			
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 / aluminum: 0.3 / copper: 0.2	
Hysteresis	[% of Sr]	3...15	
Switch-point drift	[% of Sr]	-10...10	
Operating conditions			
Ambient temperature	[°C]	-25...80	
Protection		IP 65	
Tests / approvals			
EMC		EN 60947-5-2	
		EN 55011	class B
Mechanical data			
Housing		Threaded type	
Mounting		non-flush mountable	
Dimensions	[mm]	M8 x 1	
Thread designation		M8 x 1	
Material		stainless steel (1.4571/316Ti); PC	
Displays / operating elements			
Display		Switching status	1 x LED, yellow
Accessories			
Items supplied		lock nuts: 2	
Remarks			
Pack quantity		1 pcs.	

IE5272

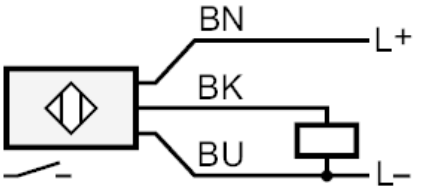
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Electrical connection

Cable: 10 m, PVC; 3 x 0.14 mm²

Connection



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