IG0060

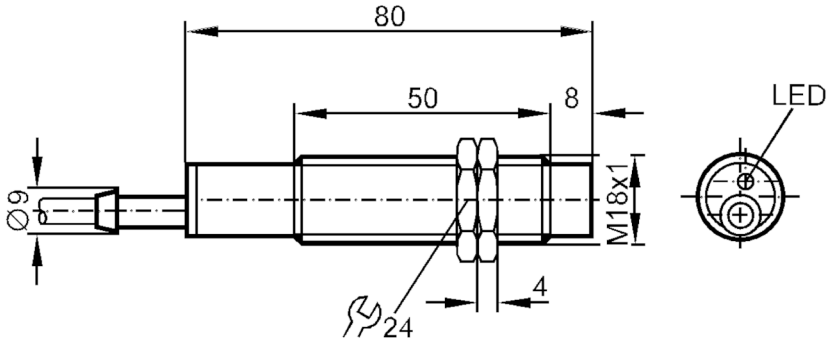
Inductive sensor

IGA2008-BBOW/V4A

Article no longer available - archive entry

Alternative articles: IG0112

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



Product characteristics		
Output function		normally closed
Sensing range	[mm]	8
Housing		threaded type
Dimensions	[mm]	M18 x 1
Electrical data		
Frequency AC	[Hz]	47...63
Operating voltage	[V]	20...250 AC
Protection class		II
Reverse polarity protection		no
Outputs		
Output function		normally closed
Max. voltage drop switching output AC	[V]	5.5
Minimum load current	[mA]	5
Max. leakage current	[mA]	2.5
Permanent current rating of switching output AC	[mA]	300; (500 (...50 °C))
Short-time current rating of switching output	[mA]	2200; (20 ms / 0,5 Hz)
Switching frequency AC	[Hz]	20
Short-circuit protection		no
Overload protection		no

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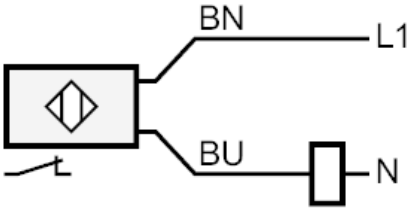
Detection zone			
Sensing range	[mm]		8
Real sensing range Sr	[mm]		8 ± 10 %
Operating distance	[mm]		0...6.5
Accuracy / deviations			
Correction factor			steel: 1 / stainless steel: 0.7 / brass: 0.4 / aluminium: 0.4 / copper: 0.3
Hysteresis	[% of Sr]		1...15
Switch point drift	[% of Sr]		-10...10
Operating conditions			
Ambient temperature	[°C]		-25...80
Protection			IP 67
Mechanical data			
Housing			threaded type
Mounting			non-flush mountable
Dimensions	[mm]		M18 x 1
Thread designation			M18 x 1
Materials			stainless steel (1.4571/316Ti); PBT
Displays / operating elements			
Display		switching status	1 x LED, yellow
Accessories			
Items supplied			lock nuts: 2
Remarks			
Pack quantity			1 pcs.
Electrical connection			

Cable: 2 m, PVC; 2 x 0.5 mm²

Connection



	Core colours :
BN =	brown
BU =	blue