II0060

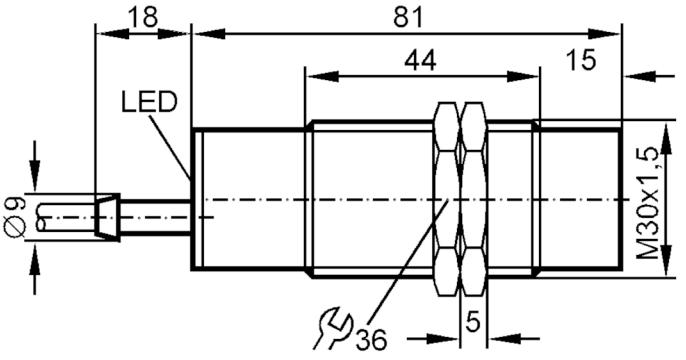
Inductive sensor

IIA2015-BBOW/V4A

Article no longer available - archive entry

Alternative articles: II0099

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



Product characteristics		
Output function		normally closed
Sensing range	[mm]	15
Housing		threaded type
Dimensions	[mm]	M30 x 1.5
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

II0060

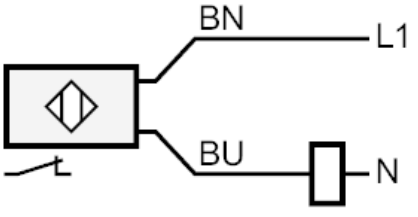
Inductive sensor

IIA2015-BBOW/V4A

Detection zone			
Sensing range	[mm]	15	
Real sensing range Sr	[mm]	15 ± 10 %	
Operating distance	[mm]	0...12.1	
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]	-25...80	
Protection		IP 67	
Mechanical data			
Housing		threaded type	
Mounting		non-flush mountable	
Dimensions	[mm]	M30 x 1.5	
Thread designation		M30 x 1.5	
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