

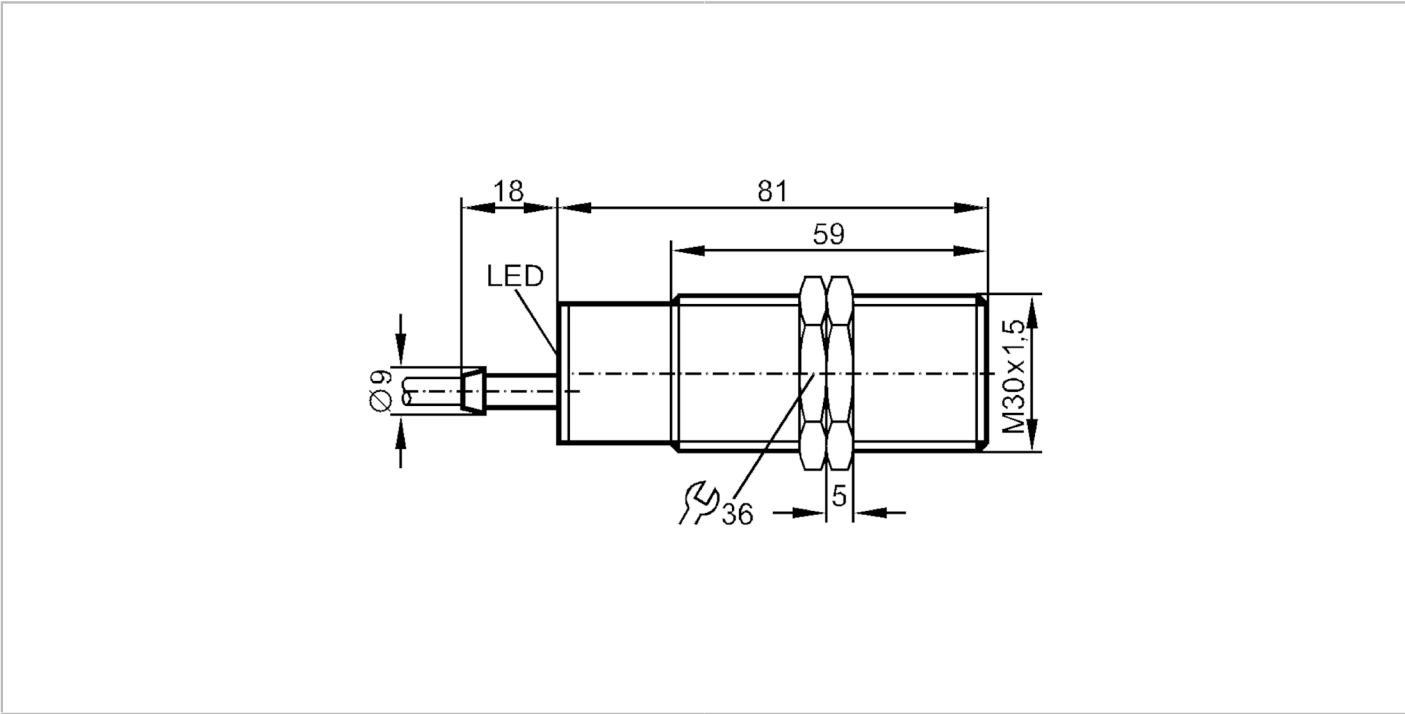


Inductive sensor

II-2015-BBOW

Article no longer available - archive entry

Alternative articles: II0095
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



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Short-circuit protection	no
Overload protection	no

Monitoring range	
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 / aluminum: 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]	M30 x 1.5
Thread designation	M30 x 1.5
Material	PBT

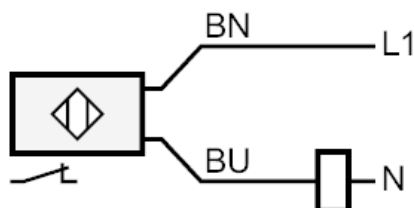
Displays / operating elements		
Display	Switching status	1 x LED, yellow

Accessories	
Items supplied	lock nuts: 2

Remarks	
Pack quantity	1 pcs.

Electrical connection	
Cable: 2 m, PVC; 2 x 0.5 mm²	

Connection



BN = Core colors :
brown
BU = blue