

II0220

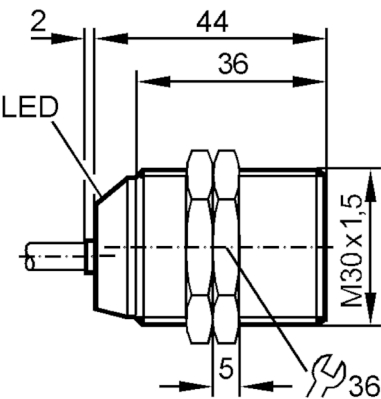


Inductive sensor

IIC2015-ABOW/3M/PH

Article no longer available - archive entry

Alternative articles: II0223
When selecting an alternative article and accessories please note that technical data may differ!



Product characteristics	
Output function	normally open
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
Current consumption [mA]	< 1,5 (120 V AC) / < 3 (250 V AC)
Protection class	II
Reverse polarity protection	yes
Outputs	
Output function	normally open
Max. voltage drop switching output AC [V]	8.5
Minimum load current [mA]	5
Permanent current rating of switching output AC [mA]	100; (150 (...50 °C))
Short-time current rating of switching output [mA]	900; (20 ms / 0,5 Hz)
Switching frequency AC [Hz]	25

**Inductive sensor**

IIC2015-ABOW/3M/PH

Short-circuit protection	no	
Overload protection	no	
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: 0.5 / aluminium: 0.4 / copper: 0.3	
Hysteresis	[% of Sr]	3...15
Switch point drift	[% of Sr]	-10...10
Operating conditions		
Ambient temperature	[°C]	-25...80
Protection	IP 67	
Tests / approvals		
EMC	EN 60947-5-2	
	EN 55011	class B
Mechanical data		
Housing	threaded type	
Mounting	non-flush mountable	
Dimensions	[mm]	M30 x 1.5
Thread designation	M30 x 1.5	
Materials	PBT	
Displays / operating elements		
Display	switching status	1 x LED, yellow
Accessories		
Items supplied	lock nuts: 2	
Remarks		
Pack quantity	1 pcs.	

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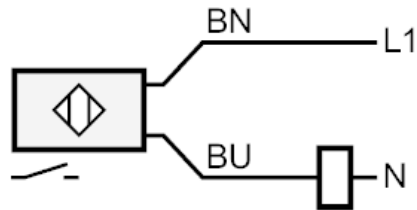
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Electrical connection

Cable: 3 m, PUR; 2 x 0.5 mm²

Connection



BN = Core colours :
brown
BU = blue