

II0222

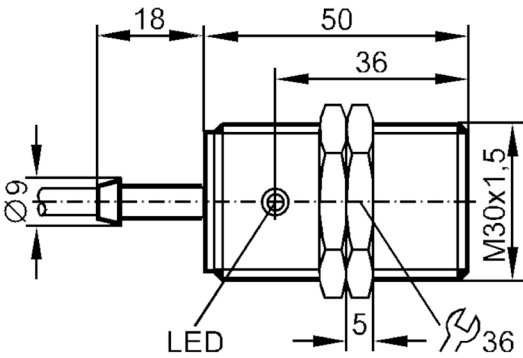


Inductive sensor

IIC2010-ABOW/ 6mPPU

Article no longer available - archive entry

Alternative articles: II0213 or II0218
When selecting an alternative article and accessories please note that technical data may differ!



Product characteristics		
Output function		normally open
Sensing range	[mm]	10
Housing		Threaded type
Dimensions	[mm]	M30 x 1.5
Electrical data		
Frequency AC	[Hz]	47...63
Operating voltage	[V]	90...240 AC
Current consumption	[mA]	3; (250 V)
Protection class		II
Reverse polarity protection		no
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]	200
Short-time current rating of switching output	[mA]	900; (20 ms / 0,5 Hz)
Switching frequency AC	[Hz]	20

**Inductive sensor**

IIC2010-ABOW/ 6mPPU

Short-circuit protection		no
Overload protection		no
Monitoring range		
Sensing range	[mm]	10
Real sensing range Sr	[mm]	10 ± 10 %
Operating distance	[mm]	0...8.1
Accuracy / deviations		
Correction factor	steel: 1 / stainless steel: 0.7 / brass: 0.5 / aluminum: 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	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.	

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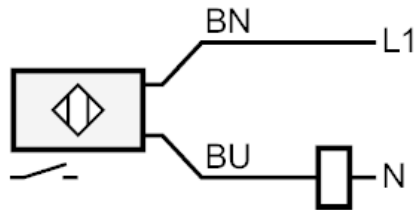
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Electrical connection

Cable: 6 m, PUR / PVC; highly flexible; 2 x 0.5 mm²

Connection



BN = Core colors :
brown
BU = blue