



Inductive sensor

II-3015-ANOG

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Alternative articles: II5308
When selecting an alternative article and accessories please note that technical data may differ!



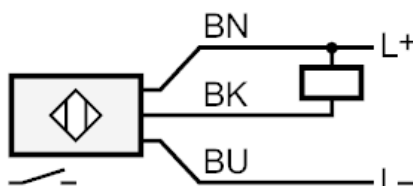
Product characteristics		
Electrical design		NPN
Output function		normally open
Sensing range	[mm]	10
Housing		threaded type
Dimensions	[mm]	M30 x 1.5 / L = 81
Electrical data		
Operating voltage	[V]	10...55 DC
Protection class		II
Reverse polarity protection		no
Outputs		
Electrical design		NPN
Output function		normally open
Max. voltage drop switching output DC	[V]	1
Max. leakage current	[mA]	7
Permanent current rating of switching output DC	[mA]	400
Switching frequency DC	[Hz]	50
Short-circuit protection		no
Overload protection		no
Detection zone		
Sensing range	[mm]	10
Real sensing range Sr	[mm]	15 ± 10 %
Operating distance	[mm]	0...12.1



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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	
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 / L = 81
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.	
Electrical connection		
Cable: 2 m, PVC; 3 x 0.5 mm²		
Connection		



Core colours :
 BK = black
 BN = brown
 BU = blue