

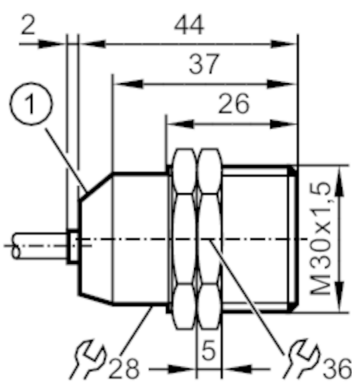


Inductive sensor

IIB2012BAROG/UP/2LED/3M/PH

Article no longer available - archive entry

Alternative articles: IIS717
When selecting an alternative article and accessories please note that technical data may differ!



1 LED 2 x



Product characteristics		
Electrical design		PNP/NPN
Output function		normally open
Sensing range	[mm]	12
Housing		threaded type
Dimensions	[mm]	M30 x 1.5 / L = 44
Application		
Special feature		Increased sensing range; Optical setting aid
Electrical data		
Operating voltage	[V]	10...36 DC
Protection class		II
Reverse polarity protection		no
Outputs		
Electrical design		PNP/NPN
Output function		normally open
Max. voltage drop switching output DC	[V]	5
Minimum load current	[mA]	5
Max. leakage current	[mA]	1
Permanent current rating of switching output DC	[mA]	100
Switching frequency DC	[Hz]	100
Short-circuit protection		no
Overload protection		no



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Detection zone		
Sensing range	[mm]	12
Operating distance	[mm]	0...9.7
Increased sensing range		yes
Accuracy / deviations		
Correction factor		steel: 1 / stainless steel: 0.7 / brass: 0.5 / aluminium: 0.5 / copper: 0.4
Hysteresis	[% of Sr]	1...15
Operating conditions		
Ambient temperature	[°C]	-25...70
Protection		IP 67
Tests / approvals		
EMC	EN 60947-5-2	
	EN 55011	class B
Mechanical data		
Weight	[g]	256
Housing		threaded type
Mounting		flush mountable
Dimensions	[mm]	M30 x 1.5 / L = 44
Thread designation		M30 x 1.5
Materials		brass white bronze coated; PBT
Displays / operating elements		
Display	switching status	1 x LED, red
	switching status	1 x LED, green
Optical setting aid		yes
Accessories		
Items supplied		lock nuts: 2
Remarks		
Pack quantity		1 pcs.

II5709



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Electrical connection

Cable: 3 m, PUR / PVC; 2 x 0.5 mm²

Connection



BK =

Core colours :
black