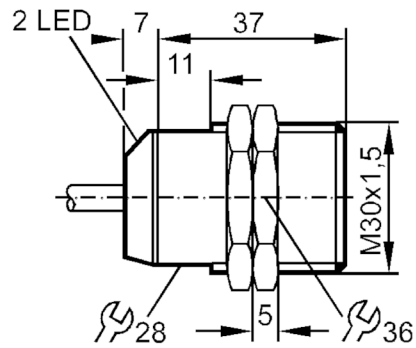




## Inductive sensor

IIB2012BAROG/UP/2LED/2M/XS

Article no longer available - archive entry



### Product characteristics

Electrical design		PNP/NPN
Output function		normally open
Sensing range	[mm]	12
Housing		threaded type
Dimensions	[mm]	M30 x 1.5

### Application

Special feature		Increased sensing range; Optical setting aid
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### Electrical data

Operating voltage	[V]	10...36 DC
Protection class		II
Reverse polarity protection		no

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## Inductive sensor

IIB2012BAROG/UP/2LED/2M/XS

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	
Detection zone		
Sensing range [mm]	12	
Real sensing range Sr [mm]	12 ± 10 %	
Operating distance [mm]	0...9.7	
Increased sensing range	yes	
Accuracy / deviations		
Correction factor	steel: 1 / stainless steel: 0.7 / brass: 0.4 / aluminium: 0.3 / copper: 0.2	
Hysteresis [% of Sr]	1...15	
Operating conditions		
Ambient temperature [°C]	-25...70	
Protection	IP 67	
Tests / approvals		
EMC	EN 60947-5-2	class B
	EN 55011	
Mechanical data		
Housing	threaded type	
Mounting	flush mountable	
Dimensions [mm]	M30 x 1.5	
Thread designation	M30 x 1.5	
Materials	brass white bronze coated; PBT	
Displays / operating elements		
Display	switching status	1 x LED, red
	setting aid	1 x LED, green
Optical setting aid	yes	
Accessories		
Items supplied	lock nuts: 2	
Remarks		
Pack quantity	1 pcs.	

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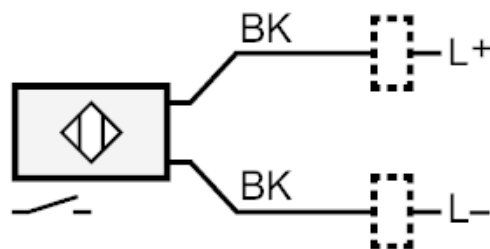
## Inductive sensor

IIB2012BAROG/UP/2LED/2M/XS

### Electrical connection

Cable: 2 m; 2 x 0.34 mm<sup>2</sup>

### Connection



Core colours :

BK =

black