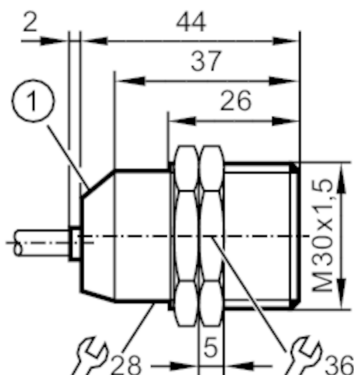


II5709



Inductive sensor

IIB2012BAROG/UP/2LED/3M/PH



1 LED 2 x



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

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	class B
	EN 55011	
MTTF [years]	1543	

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Mechanical data	
Weight [g]	258.8
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

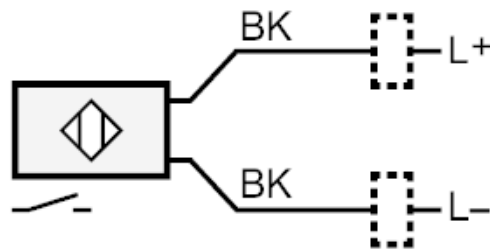
Displays / operating elements		
Display	switching status	1 x LED, red
	switching status	1 x LED, green
Optical setting aid	yes	

Accessories	
Accessories (supplied)	lock nuts: 2

Remarks	
Notes	discontinued article
Pack quantity	1 pcs.

Electrical connection	
Cable: 3 m, PUR / PVC; 2 x 0.5 mm ²	

Connection



Core colours :
BK = black