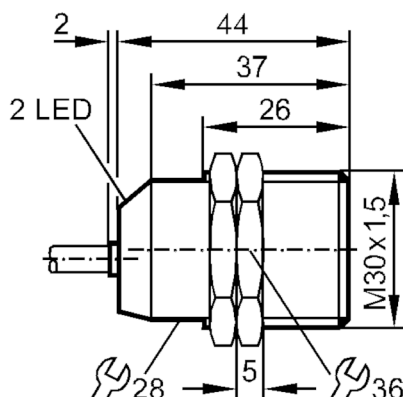


Inductive sensor

IIB2012BBROG/UP/6M/PH RT

Article no longer available - archive entry



Product characteristics

Electrical design	PNP/NPN
Output function	normally closed
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

Outputs

Electrical design	PNP/NPN
Output function	normally closed
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



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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: 0.4 / aluminium: 0.3 / copper: 0.2
Hysteresis [% of Sr]	1...15

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
Materials	brass white bronze coated; PBT

Displays / operating elements

Display	switching status	1 x LED, red
Optical setting aid	yes	

Accessories

Items supplied	lock nuts: 2
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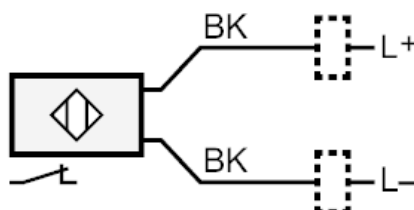
Remarks

Pack quantity	1 pcs.
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Electrical connection

Cable: 3 m, PUR / PVC; 2 x 0.34 mm²

Connection



BK = Core colours :
black