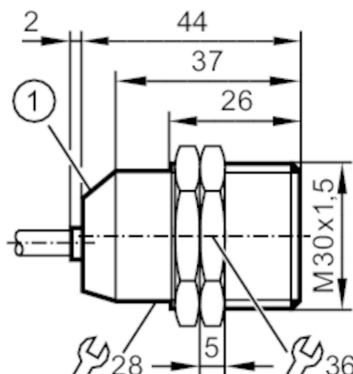


Inductive sensor

IIB2012BAROG/UP/Sonderstecker

Article no longer available - archive entry



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

Ambient temperature	[°C]	-25...70
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Protection		IP 67
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Tests / approvals

EMC	EN 60947-5-2	
	EN 55011	class B

Mechanical data

Weight	[g]	164.525
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Housing		threaded type
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Mounting		flush mountable
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Dimensions	[mm]	M30 x 1.5 / L = 44
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Thread designation		M30 x 1.5
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Materials		brass white bronze coated; PBT
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Displays / operating elements

Display	switching status	1 x LED, red
	switching status	1 x LED, green

Optical setting aid		yes
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Accessories

Items supplied		lock nuts: 2
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Remarks

Pack quantity		1 pcs.
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Electrical connection - plug

Cable: 0.5 m, PUR / PVC

Connector: 1 x M12; coding: A



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Connection

