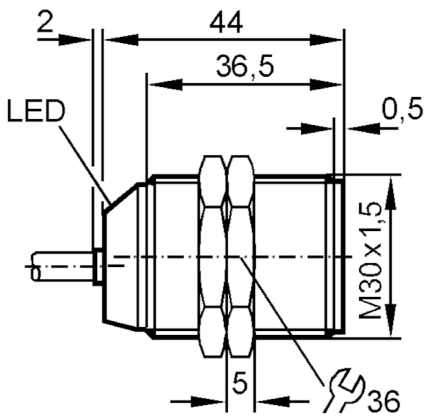




Inductive sensor

IIB3010-BPKG/5M



Product characteristics		
Electrical design		PNP
Output function		normally open
Sensing range	[mm]	10
Housing		Threaded type
Dimensions	[mm]	M30 x 1.5 / L = 46
Electrical data		
Operating voltage	[V]	10...36 DC
Current consumption	[mA]	< 15
Protection class		III
Reverse polarity protection		yes
Outputs		
Electrical design		PNP
Output function		normally open
Max. voltage drop switching output DC	[V]	2.5
Permanent current rating of switching output DC	[mA]	250
Switching frequency DC	[Hz]	300
Short-circuit protection		yes
Overload protection		yes
Monitoring range		
Sensing range	[mm]	10
Real sensing range Sr	[mm]	10 ± 10 %

II5907



Inductive sensor

IIB3010-BPKG/5M

Operating distance	[mm]	0...8.1
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Accuracy / deviations

Correction factor		steel: 1 / stainless steel: 0.7 / brass: 0.5 / aluminum: 0.4 / copper: 0.3
Hysteresis	[% of Sr]	1...15
Switch-point drift	[% of Sr]	-10...10

Operating conditions

Ambient temperature	[°C]	-50...70
Protection		IP 67

Tests / approvals

EMC		EN 60947-5-2
MTTF	[years]	1263

Mechanical data

Weight	[g]	346.5
Housing		Threaded type
Mounting		flush mountable
Dimensions	[mm]	M30 x 1.5 / L = 46
Thread designation		M30 x 1.5
Material		housing: brass white bronze coated; sensing face: PBT

Displays / operating elements

Display	Switching status	1 x LED, yellow
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Accessories

Items supplied		lock nuts: 2
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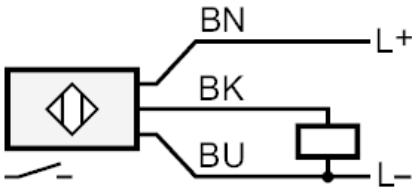
Remarks

Pack quantity		1 pcs.
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Electrical connection

Cable: 5 m, PUR; 3 x 0.5 mm²

Connection



	Core colors :
BN =	brown
BU =	blue
BK =	black