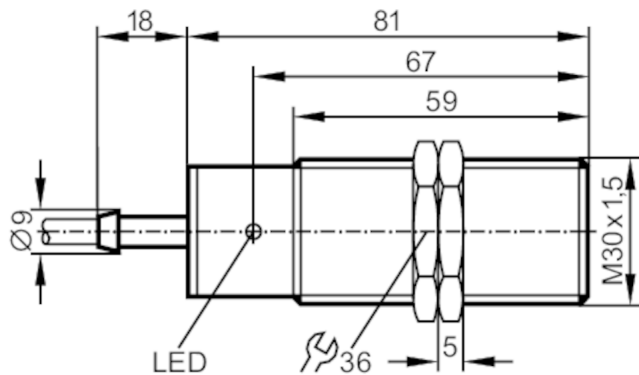




Inductive sensor

IIA3010-BPKG/V4A/6M



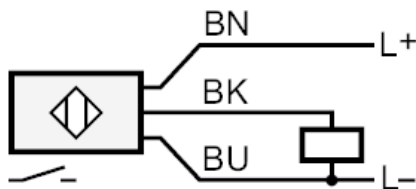
Product characteristics		
Electrical design		PNP
Output function		normally open
Sensing range	[mm]	10
Housing		threaded type
Dimensions	[mm]	M30 x 1.5 / L = 81
Application		
Application		Industrial applications / factory automation
Electrical data		
Operating voltage	[V]	10...36 DC
Current consumption	[mA]	15; (24 V)
Protection class		II
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]	250
Short-circuit protection		yes
Type of short-circuit protection		pulsed
Overload protection		yes
Detection zone		
Sensing range	[mm]	10
Real sensing range Sr	[mm]	10 ± 10 %
Operating distance	[mm]	0...8.1



Inductive sensor

IIA3010-BPKG/V4A/6M

Accuracy / deviations		
Correction factor		steel: 1 / stainless steel: 0.7 / brass: 0.4 / aluminium: 0.3 / copper: 0.2
Hysteresis	[X01]	1...15
Switch point drift	[X01]	-10...10
Operating conditions		
Ambient temperature	[°C]	-25...80
Protection		IP 67
Tests / approvals		
EMC		EN 60947-5-2
		EN 55011
MTTF	[ANN]	1853
Mechanical data		
Weight	[g]	438
Housing		threaded type
Mounting		flush mountable
Dimensions	[mm]	M30 x 1.5 / L = 81
Thread designation		M30 x 1.5
Materials		stainless steel (1.4571/316Ti); PBT
Displays / operating elements		
Display	switching status	1 x LED, yellow
Аксессуары		
Items supplied		lock nuts: 2
Remarks		
Pack quantity		1 pcs.
Electrical connection		
Cable: 6 m, PVC; 3 x 0.5 mm²		
Connection		



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