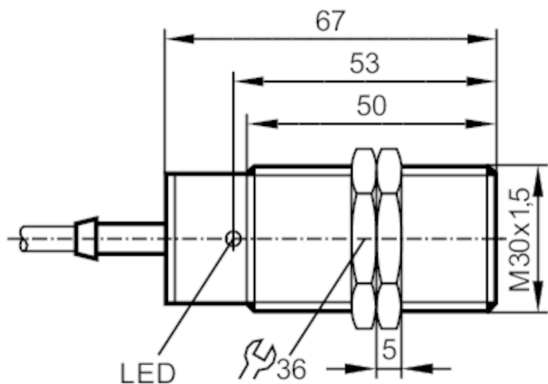




Inductive sensor

I1A4010ZCPKG/6M/BH



Product characteristics		
Electrical design		PNP
Output function		complementary
Sensing range	[mm]	10
Housing		threaded type
Dimensions	[mm]	M30 x 1.5 / L = 67
Application		
Special feature		Halogen-free
Electrical data		
Operating voltage	[V]	10...36 DC
Current consumption	[mA]	< 15
Protection class		II
Reverse polarity protection		yes
Outputs		
Electrical design		PNP
Output function		complementary
Max. voltage drop switching output DC	[V]	2.5
Permanent current rating of switching output DC	[mA]	100; (250 (...80 °C))
Switching frequency DC	[Hz]	400
Short-circuit protection		yes
Type of short-circuit protection		pulsed
Overload protection		yes
Detection zone		
Sensing range	[mm]	10



Inductive sensor

IIA4010ZCPKG/6M/BH

Real sensing range Sr	[mm]	10 ± 10 %
Operating distance	[mm]	0...8.1

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

Operating conditions		
Ambient temperature	[°C]	-25...100
Protection		IP 67

Tests / approvals		
EMC		EN 60947-5-2
MTTF	[years]	1365

Mechanical data		
Weight	[g]	373
Housing		threaded type
Mounting		flush mountable
Dimensions	[mm]	M30 x 1.5 / L = 67
Thread designation		M30 x 1.5
Materials		brass white bronze coated; PBT

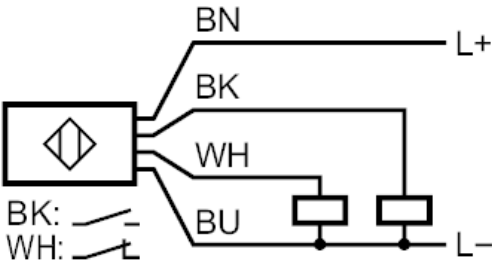
Displays / operating elements		
Display	switching status	1 x LED, yellow

Accessories		
Items supplied		lock nuts: 2

Remarks		
Pack quantity		1 pcs.

Electrical connection		
Cable: 6 m, PUR, Halogen-free; 4 x 0.34 mm²		

Connection		
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	Core colours :
BK =	black
BN =	brown
BU =	blue
WH =	white