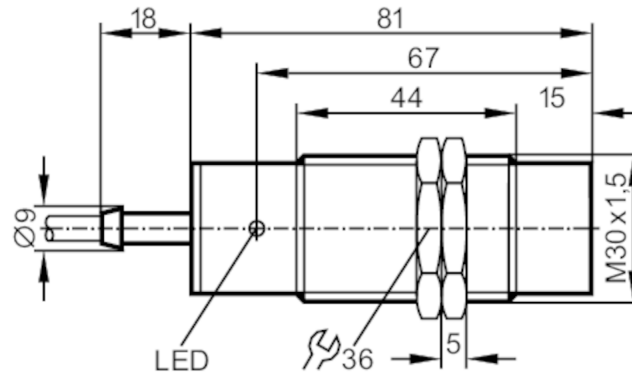




Inductive sensor

IIA3015-BPOG/V4A/ 6m

Article no longer available - archive entry



Product characteristics	
Electrical design	PNP
Output function	normally open
Sensing range [mm]	15
Housing	threaded type
Dimensions [mm]	M30 x 1.5 / L = 81
Electrical data	
Operating voltage [V]	10...55 DC
Current consumption [mA]	< 7
Protection class	II
Reverse polarity protection	no
Outputs	
Electrical design	PNP
Output function	normally open
Max. voltage drop switching output DC [V]	1
Permanent current rating of switching output DC [mA]	400
Switching frequency DC [Hz]	50
Short-circuit protection	no
Overload protection	no
Detection zone	
Sensing range [mm]	15
Real sensing range Sr [mm]	15 ± 10 %
Operating distance [mm]	0...12.1
Accuracy / deviations	
Correction factor	steel: 1 / stainless steel: 0.7 / brass: 0.4 / aluminium: 0.3 / copper: 0.2
Hysteresis [% of Sr]	3...15
Switch point drift [% of Sr]	-10...10

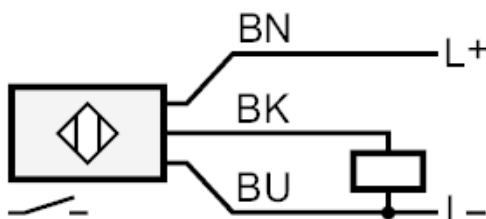
II5144



Inductive sensor

IIA3015-BPOG/V4A/ 6m

Operating conditions		
Ambient temperature	[°C]	-25...80
Protection		IP 67
Mechanical data		
Housing		threaded type
Mounting		non-flush mountable
Dimensions	[mm]	M30 x 1.5 / L = 81
Thread designation		M30 x 1.5
Materials		stainless steel (1.4571/316Ti); sensing face: PBT
Displays / operating elements		
Display	switching status	1 x LED, yellow
Accessories		
Accessories (supplied)		lock nuts: 2
Remarks		
Pack quantity		1 pcs.
Electrical connection		
Cable: 6 m, PVC; 3 x 0.5 mm ²		
Connection		



Core colours :

- BK = black
- BN = brown
- BU = blue

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