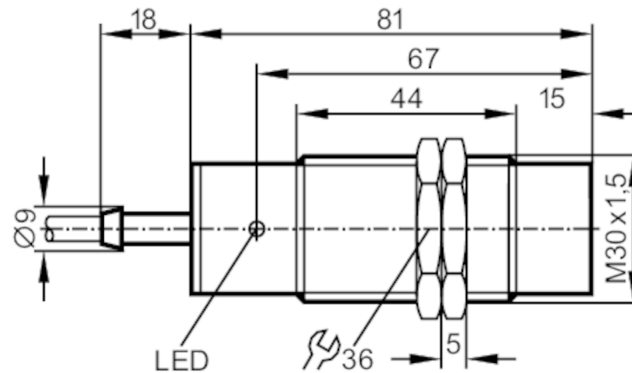




## Inductive sensor

IIA3015-ANOG/V4A

Article no longer available - archive entry



### Product characteristics

Electrical design		NPN
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		NPN
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

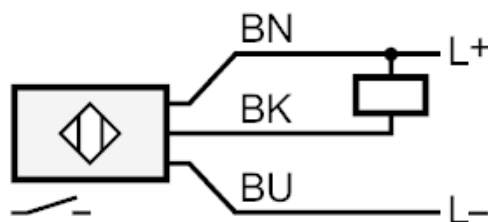
# II5102



## Inductive sensor

IIA3015-ANOG/V4A

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		
Items supplied		lock nuts: 2
Remarks		
Pack quantity		1 pcs.
Electrical connection		
Cable: 2 m, PVC; 3 x 0.5 mm <sup>2</sup>		
Connection		



Core colours :

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