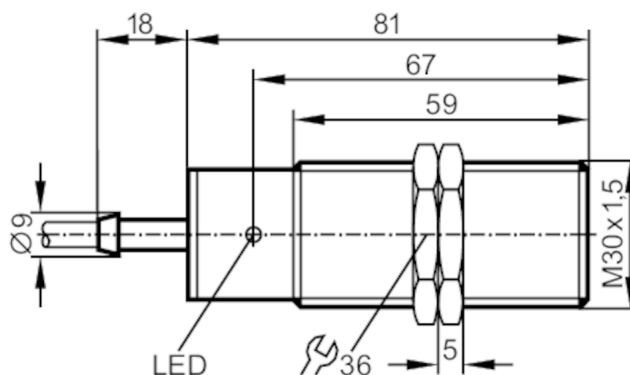




## Inductive sensor

IIA3010-BNOG/V4A

Article no longer available - archive entry



## Product characteristics

Electrical design	NPN
Output function	normally closed
Sensing range [mm]	10
Housing	Threaded type
Dimensions [mm]	M30 x 1.5 / L = 81

## Electrical data

Operating voltage [V]	10...55 DC
Current consumption [mA]	7; (24 V)
Protection class	II
Reverse polarity protection	no

## Outputs

Electrical design	NPN
Output function	normally closed
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

## Monitoring range

Sensing range [mm]	10
Real sensing range $S_r$ [mm]	$10 \pm 10 \%$
Operating distance [mm]	0...8.1

## Accuracy / deviations

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



Inductive sensor

IIA3010-BNOG/V4A

Operating conditions

Ambient temperature	[°C]	-25...80
Protection		IP 67

Mechanical data

Housing		Threaded type
Mounting		flush mountable
Dimensions	[mm]	M30 x 1.5 / L = 81
Thread designation		M30 x 1.5
Material		stainless steel (1.4571/316Ti ); 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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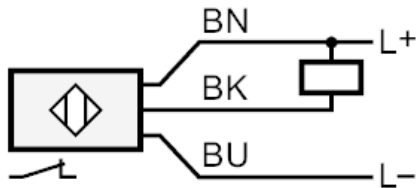
Remarks

Pack quantity	1 pcs.
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Electrical connection

Cable: 2 m, PVC; 3 x 0.5 mm²

Connection



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