



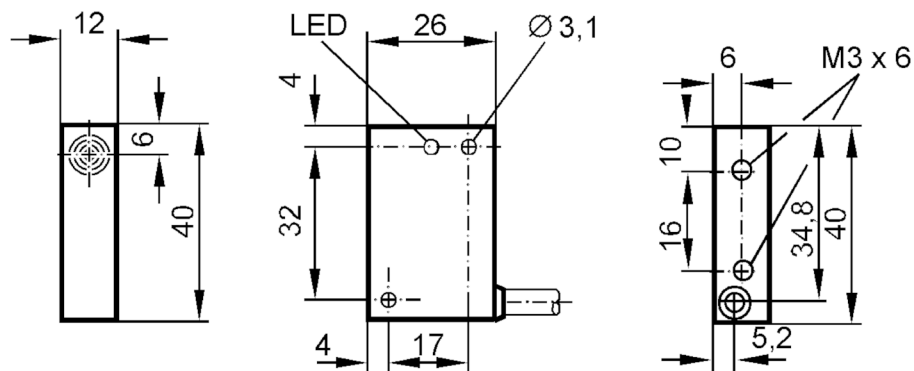
## Inductive sensor

IN-3002LANOG

Article no longer available - archive entry

Alternative articles: IN5125

When selecting an alternative article and accessories please note that technical data may differ!



### Product characteristics

Electrical design		NPN
Output function		normally open
Sensing range	[mm]	2
Housing		rectangular
Dimensions	[mm]	40 x 12 x 26

### Electrical data

Operating voltage	[V]	10...30 DC
Current consumption	[mA]	7; (24 V)
Reverse polarity protection		no

### Outputs

Electrical design		NPN
Output function		normally open
Max. voltage drop switching output DC	[V]	1.5
Permanent current rating of switching output DC	[mA]	200
Switching frequency DC	[Hz]	800
Short-circuit protection		no
Overload protection		no

### Detection zone

Sensing range	[mm]	2
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# IN5009



## Inductive sensor

IN-3002LANOG

Real sensing range $S_r$	[mm]	$2 \pm 10 \%$
Operating distance	[mm]	0...1.6

### Accuracy / deviations

Correction factor		steel: 1 / stainless steel: 0.85 / brass: 0.4 / aluminium: 0.4 / copper: 0.3
Hysteresis	[% of $S_r$ ]	3...15
Switch point drift	[% of $S_r$ ]	-10...10

### Operating conditions

Ambient temperature	[°C]	-25...80
Protection		IP 65

### Mechanical data

Housing		rectangular
Mounting		flush mountable
Dimensions	[mm]	40 x 12 x 26
Materials		PBT

### Displays / operating elements

Display	switching status	1 x LED, yellow
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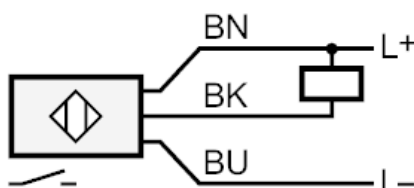
### Remarks

Pack quantity		1 pcs.
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### Electrical connection

Cable: 2 m, PUR; 3 x 0.5 mm<sup>2</sup>

### Connection



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