

IN5011



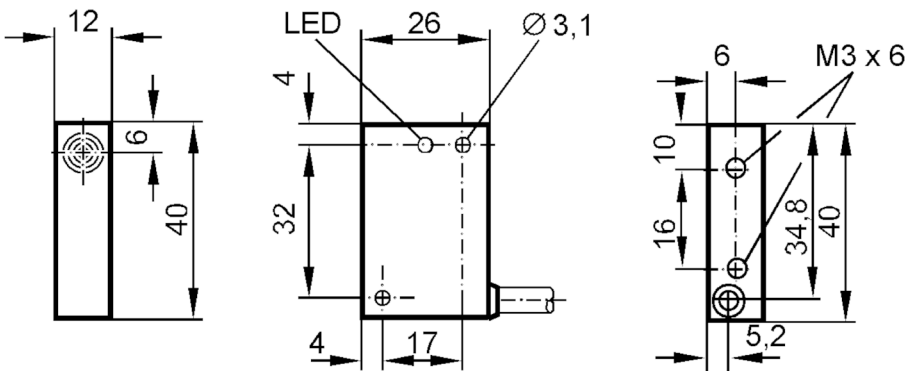
Inductive sensor

IN-3002LBNOG

Article no longer available - archive entry

Alternative articles: IN5269

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



Product characteristics

Electrical design		NPN
Output function		normally closed
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 closed
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

Monitoring range

Sensing range	[mm]	2
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Inductive sensor

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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 / aluminum: 0.4 / copper: 0.3
Hysteresis	[% of S_r]	3...15
Switch-point drift	[% of S_r]	-10...10

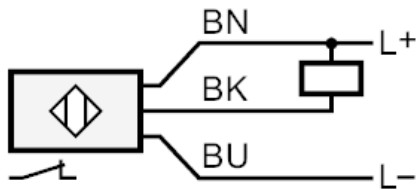
Operating conditions		
Ambient temperature	[°C]	-25...80
Protection		IP 65

Mechanical data		
Housing		rectangular
Mounting		flush mountable
Dimensions	[mm]	40 x 12 x 26
Material		PBT

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

Remarks		
Pack quantity		1 pcs.

Electrical connection		
Cable: 2 m, PUR; 3 x 0.5 mm ²		
Connection		



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