

IN5010



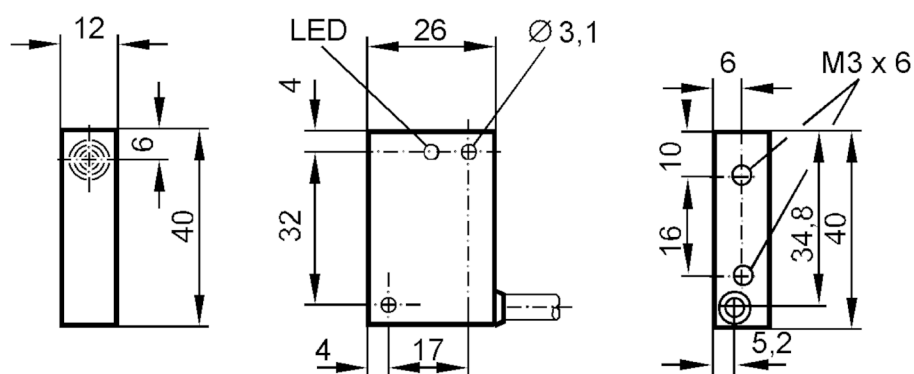
Inductive sensor

IN-3002LAPOG

Article no longer available - archive entry

Alternative articles: IN5186

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



Product characteristics

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

Electrical data

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

Outputs

Electrical design	PNP
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]	800
Short-circuit protection	no
Overload protection	no

Detection zone

Sensing range	[mm]	2
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IN5010



Inductive sensor

IN-3002LAPOG

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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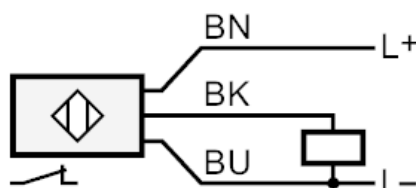
Remarks

Pack quantity		1 pcs.
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Electrical connection

Cable: 2 m, PUR; 3 x 0.5 mm²

Connection



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