

IN5013



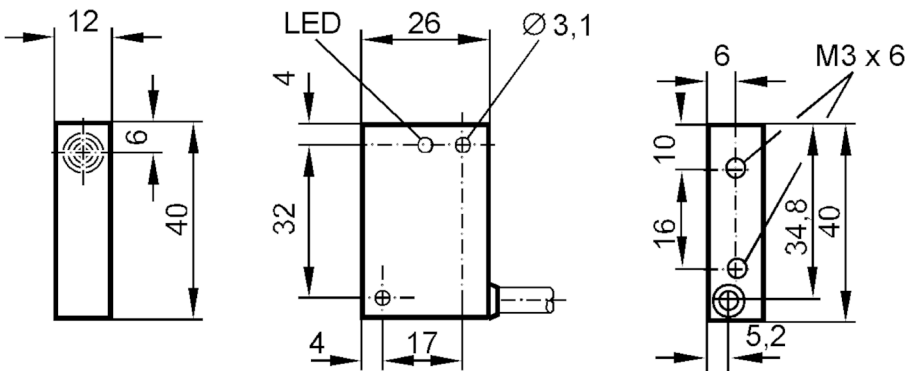
Inductive sensor

IN-3004LANOG

Article no longer available - archive entry

Alternative articles: IN5133

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]	4
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]	250
Short-circuit protection	no
Overload protection	no

Monitoring range

Sensing range [mm]	4
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IN5013



Inductive sensor

IN-3004LANOG

Real sensing range S_r	[mm]	$4 \pm 10 \%$
Operating distance	[mm]	0...3.25

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		non-flush mountable
Dimensions	[mm]	40 x 12 x 26
Material		PBT

Displays / operating elements

Display	Switching status	1 x LED, yellow
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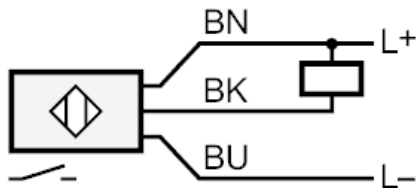
Remarks

Pack quantity	1 pcs.
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Electrical connection

Cable: 2 m, PUR; 3 x 0.5 mm²

Connection



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