



Inductive sensor

IN-3004LAPOG

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Alternative articles: IN5188

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

Detection zone

Sensing range [mm]	4
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IN5014



Inductive sensor

IN-3004LAPOG

Real sensing range Sr	[mm]	4 ± 10 %
Operating distance	[mm]	0...3.25

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

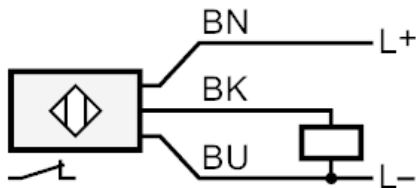
Operating conditions		
Ambient temperature	[°C]	-25...80
Protection		IP 65

Mechanical data		
Housing		rectangular
Mounting		non-flush mountable
Dimensions	[mm]	40 x 12 x 26
Materials		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 mm²		
Connection		



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