



Inductive sensor

IN-3004LBNOG

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Alternative articles: IN5189

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]	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 closed
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

Detection zone

Sensing range	[mm]	4
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IN5015



Inductive sensor

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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
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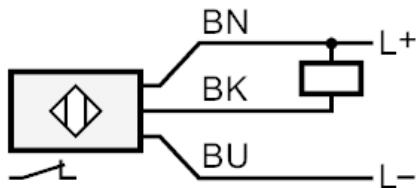
Remarks

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