



Inductive sensor

IN-3004-APOG/ 6m

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- 1 mounting hole
- 2 threaded bush M3 Depth 5.8 mm

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]	15; (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
Real sensing range Sr [mm]	4 ± 10 %
Operating distance [mm]	0...3.25

Accuracy / deviations

Correction factor	steel: 1 / stainless steel: 0.7 / brass: 0.4 / aluminium: 0.3 / copper: 0.2
Hysteresis [% of Sr]	1...15
Switch point drift [% of Sr]	-10...10

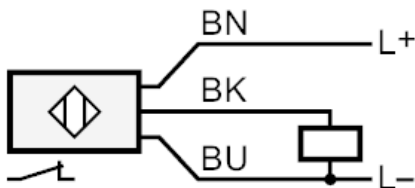
IN5044



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Operating conditions		
Ambient temperature	[°C]	-25...80
Protection		IP 65
Tests / approvals		
EMC	EN 60947-5-2	
Mechanical data		
Housing		rectangular
Mounting		non-flush mountable
Dimensions	[mm]	40 x 12 x 26
Materials		PBT
Mounting hole		
Tightening torque	[Nm]	< 0.5
Threaded bush		
Tightening torque	[Nm]	< 1.2; (when brass insert in contact with counterpart)
Remarks		
Pack quantity		1 pcs.
Electrical connection		
Cable: 6 m, PVC; 3 x 0.5 mm²		
Connection		



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