

IN5005



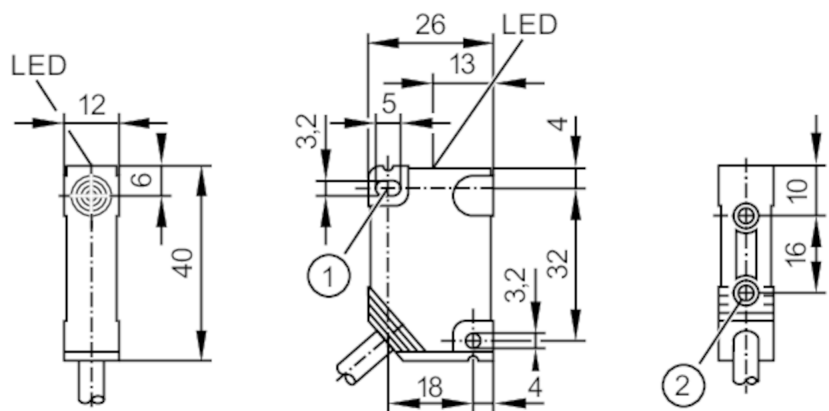
Inductive sensor

IN-3004-ANOG

Article no longer available - archive entry

Alternative articles: IN5125

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



- 1 mounting hole
2 threaded bush M3 Depth 5.8 mm



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...55 DC
Current consumption [mA]	15; (24 V)
Reverse polarity protection	no

Outputs

Electrical design	NPN
Output function	normally open
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 %

IN5005



Inductive sensor

IN-3004-ANOG

Operating distance	[mm]	0...3.25
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Accuracy / deviations

Correction factor		steel: 1 / stainless steel: 0.7 / brass: 0.4 / aluminium: 0.3 / copper: 0.2
Hysteresis	[X01]	1...15
Switch point drift	[X01]	-10...10

Operating conditions

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

Tests / approvals

EMC	EN 60947-5-2	
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Mechanical data

Housing		rectangular
Mounting		non-flush mountable
Dimensions	[mm]	40 x 12 x 26
Materials		PBT

Mounting hole

Tightening torque	[Nm]	< 0.5
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Threaded bush

Tightening torque	[Nm]	< 1.2; (when brass insert in contact with counterpart)
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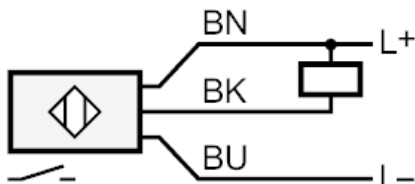
Remarks

Pack quantity		1 pcs.
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Electrical connection

Cable: 2 m, PVC; 3 x 0.5 mm²

Connection



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