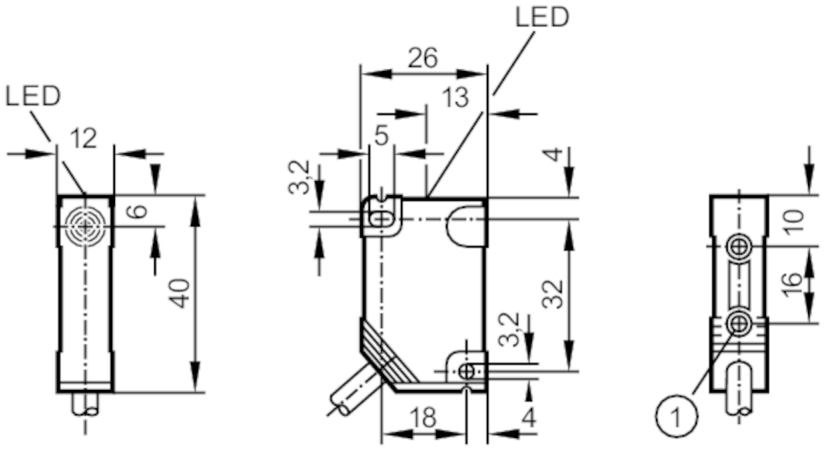
IN5006

Inductive sensor

IN-3004-APOG

Article no longer available - archive entry



1 threaded bush M3 Depth 5.8 mm
Tightening torque maximum 1.2 Nm screw fixing class 8.8
when brass insert in contact with counterpart

CE

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

IN5006

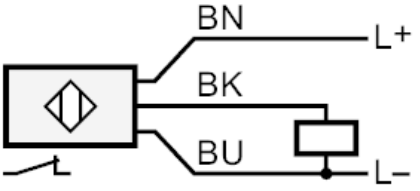
Inductive sensor

IN-3004-APOG

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
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
Remarks		
Pack quantity		1 pcs.
Electrical connection		

Cable: 2 m, PVC; 3 x 0.5 mm²

Connection



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