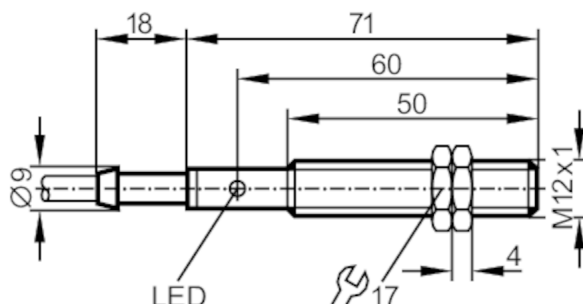


IF5353



Inductive sensor

IF-3004-ANKG



Electrical data		
Operating voltage	[V]	10...36 DC
Current consumption	[mA]	15; (24 V)
Protection class		II
Reverse polarity protection		yes
Outputs		
Electrical design		NPN
Output function		normally open
Max. voltage drop switching output DC	[V]	2.5
Permanent current rating of switching output DC	[mA]	250
Switching frequency DC	[Hz]	400
Short-circuit protection		yes
Type of short-circuit protection		pulsed
Overload protection		yes
Detection zone		
Sensing range	[mm]	4
Real sensing range S_r	[mm]	$4 \pm 10 \%$
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 S_r]	1...15
Switch point drift	[% of S_r]	-10...10
Operating conditions		
Ambient temperature	[°C]	-25...80
Protection		IP 67
Tests / approvals		
EMC		EN 60947-5-2
MTTF	[years]	945

IF5353



Inductive sensor

IF-3004-ANKG

Mechanical data

Weight	[g]	91
Housing		threaded type
Mounting		non-flush mountable
Dimensions	[mm]	M12 x 1 / L = 71
Thread designation		M12 x 1
Materials		PBT

Displays / operating elements

Display	switching status	1 x LED, yellow
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Accessories

Accessories (supplied)	lock nuts: 2
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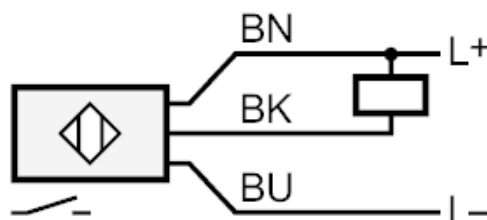
Remarks

Pack quantity	1 pcs.
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Electrical connection

Cable: 2 m, PVC; 3 x 0.34 mm²

Connection



Core colours :

BN =	brown
BU =	blue
BK =	black