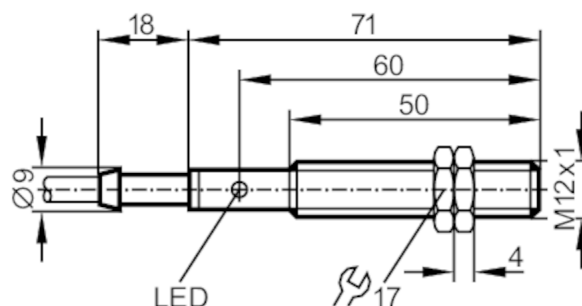




Inductive sensor

IF-3002-BPOG/ 6m

Article no longer available - archive entry



Product characteristics

Electrical design	PNP
Output function	normally open
Sensing range [mm]	2
Housing	threaded type
Dimensions [mm]	M12 x 1 / L = 71

Electrical data

Operating voltage [V]	10...55 DC
Current consumption [mA]	7; (24 V)
Protection class	II
Reverse polarity protection	no

Outputs

Electrical design	PNP
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]	700
Short-circuit protection	no
Overload protection	no

Detection zone

Sensing range [mm]	2
Real sensing range S_r [mm]	$2 \pm 10 \%$
Operating distance [mm]	0...1.6

Accuracy / deviations

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

Operating conditions

Ambient temperature [°C]	-25...80
Protection	IP 67

IF5036



Inductive sensor

IF-3002-BPOG/ 6m

Mechanical data	
Housing	threaded type
Mounting	flush mountable
Dimensions [mm]	M12 x 1 / L = 71
Thread designation	M12 x 1
Materials	PBT

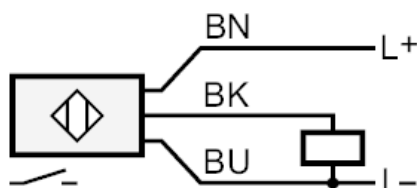
Displays / operating elements		
Display	switching status	1 x LED, yellow

Аксессуары	
Items supplied	lock nuts: 2

Remarks	
Pack quantity	1 pcs.

Electrical connection	
Cable: 6 m, PVC; 3 x 0.34 mm ²	

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