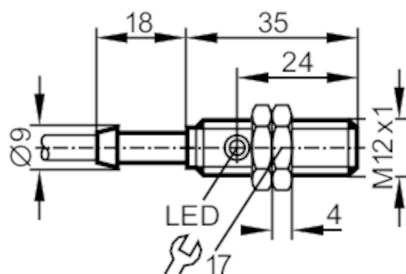




Inductive sensor

IFB3002-BNOG/10m

Article no longer available - archive entry



Product characteristics

Electrical design	NPN
Output function	normally closed
Sensing range [mm]	2
Housing	threaded type
Dimensions [mm]	M12 x 1 / L = 35

Electrical data

Operating voltage [V]	18...36 DC
Current consumption [mA]	7; (24 V)
Reverse polarity protection	no

Outputs

Electrical design	NPN
Output function	normally closed
Max. voltage drop switching output DC [V]	2
Permanent current rating of switching output DC [mA]	200
Switching frequency DC [Hz]	800
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: 0.3 / copper: 0.2
Hysteresis [X01]	1...15
Switch point drift [X01]	-10...10

Operating conditions

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

Tests / approvals

EMC	EN 60947-5-2	
	EN 55011	class B

IF5225



Inductive sensor

IFB3002-BNOG/10m

Mechanical data		
Housing		threaded type
Mounting		flush mountable
Dimensions	[mm]	M12 x 1 / L = 35
Thread designation		M12 x 1
Materials		brass nickel-plated; PBT

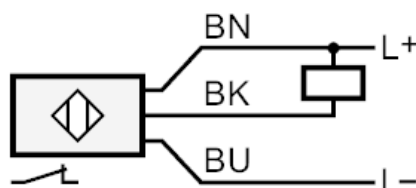
Displays / operating elements		
Display	switching status	1 x LED, yellow

Аксессуары		
Items supplied		lock nuts: 2

Remarks		
Pack quantity		1 pcs.

Electrical connection		
Cable: 10 m, PVC; 3 x 0.34 mm ²		

Connection		
------------	--	--



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