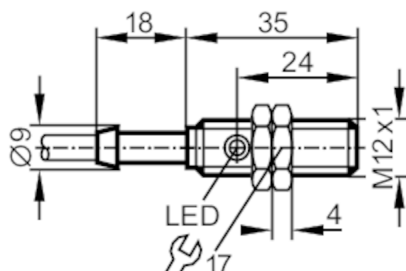




Inductive sensor

IFB3002-BNOG/20m

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 Sr [mm]	2 ± 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 [% of Sr]	1...15
Switch point drift [% of Sr]	-10...10

Operating conditions

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

Tests / approvals

EMC	EN 60947-5-2	
	EN 55011	class B

IF5226



Inductive sensor

IFB3002-BNOG/20m

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
---------	------------------	-----------------

Accessories

Items supplied	lock nuts: 2
----------------	--------------

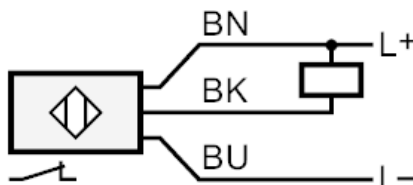
Remarks

Pack quantity	1 pcs.
---------------	--------

Electrical connection

Cable: 20 m, PVC; 3 x 0.34 mm²

Connection



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