

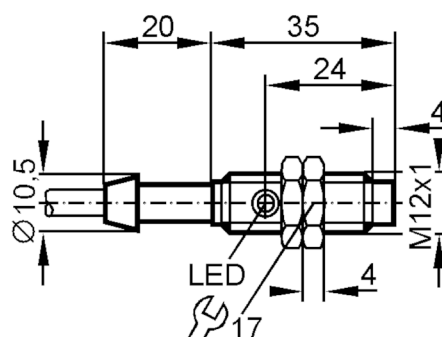
IF5280



Inductive sensor

IFB3004-BNOG/MS/10m

Article no longer available - archive entry



Product characteristics

Electrical design	NPN
Output function	normally closed
Sensing range [mm]	4
Housing	Threaded type
Dimensions [mm]	M12 x 1

Electrical data

Operating voltage [V]	18...36 DC
Current consumption [mA]	7; (24 V)
Protection class	II
Reverse polarity protection	yes

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]	400
Short-circuit protection	yes
Type of short-circuit protection	yes (non-latching)
Overload protection	yes

Monitoring range

Sensing range [mm]	4
--------------------	---

IF5280



Inductive sensor

IFB3004-BNOG/MS/10m

Real sensing range Sr	[mm]	4 ± 10 %
Operating distance	[mm]	0...3.25

Accuracy / deviations

Correction factor	steel: 1 / stainless steel: 0.7 / brass: 0.4 / aluminum: 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

Mechanical data

Housing		Threaded type
Mounting		non-flush mountable
Dimensions	[mm]	M12 x 1
Thread designation		M12 x 1
Material		brass nickel-plated; PBT

Displays / operating elements

Display	Switching status	1 x LED, yellow
---------	------------------	-----------------

Accessories

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

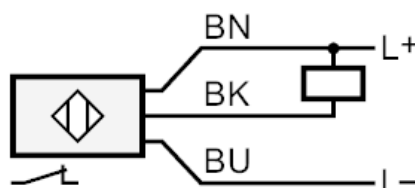
Remarks

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

Electrical connection

Cable: 10 m, PVC; 3 x 0.34 mm²

Connection



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