



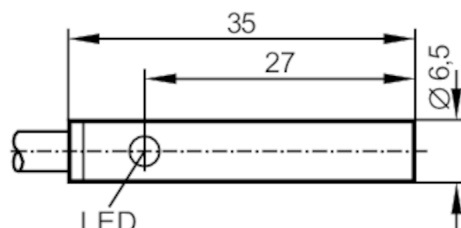
Inductive sensor

ITB3001-BPOG/ 6m

Article no longer available - archive entry

Alternative articles: IT5035

When selecting an alternative article and accessories please note that technical data may differ!



Product characteristics

Electrical design	PNP
Output function	normally open
Sensing range [mm]	1
Housing	tubular
Dimensions [mm]	Ø 6.5 / L = 35

Electrical data

Operating voltage [V]	10...36 DC
Current consumption [mA]	10; (24 V)
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]	200
Switching frequency DC [Hz]	900
Short-circuit protection	no
Overload protection	no

Monitoring range

Sensing range [mm]	1
Real sensing range Sr [mm]	1 ± 10 %
Operating distance [mm]	0...0.8

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

IT5011



Inductive sensor

ITB3001-BPOG/ 6m

Mechanical data		
Housing		tubular
Mounting		flush mountable
Dimensions	[mm]	Ø 6.5 / L = 35
Material		brass nickel-plated; PBT

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

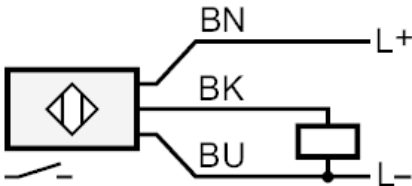
Accessories	
Items supplied	Mounting clamp: 1

Remarks	
Pack quantity	1 pcs.

Electrical connection

Cable: 6 m, PVC; 3 x 0.14 mm²

Connection



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