

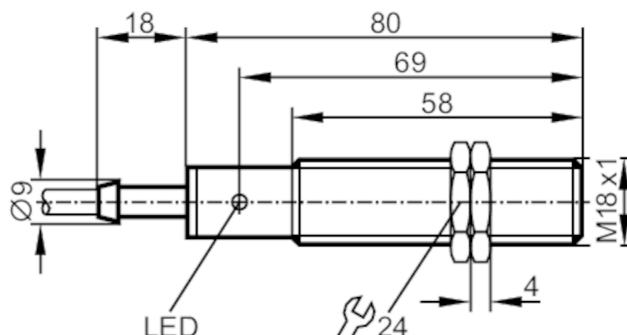
## Inductive sensor

IG-3008-BNOG

Article no longer available - archive entry

Alternative articles: IG5533

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



### Product characteristics

Electrical design	NPN
Output function	normally closed
Sensing range [mm]	8
Housing	threaded type
Dimensions [mm]	M18 x 1 / L = 80

### Electrical data

Operating voltage [V]	10...30 DC
Current consumption [mA]	15; (24 V)
Protection class	II
Reverse polarity protection	no

### Outputs

Electrical design	NPN
Output function	normally closed
Max. voltage drop switching output DC [V]	1
Permanent current rating of switching output DC [mA]	200
Switching frequency DC [Hz]	120
Short-circuit protection	no
Overload protection	no

### Detection zone

Sensing range [mm]	8
Real sensing range $S_r$ [mm]	$5 \pm 10 \%$
Operating distance [mm]	0...4.05

### Accuracy / deviations

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

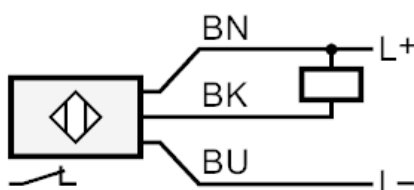
# IG5008



## Inductive sensor

IG-3008-BNOG

Operating conditions		
Ambient temperature	[°C]	-25...80
Protection		IP 67
Mechanical data		
Housing		threaded type
Mounting		non-flush mountable
Dimensions	[mm]	M18 x 1 / L = 80
Thread designation		M18 x 1
Materials		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: 2 m, PVC; 3 x 0.5 mm <sup>2</sup>		
Connection		



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