

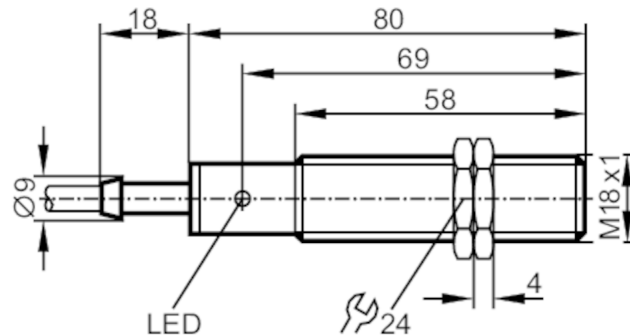
# IG5058



## Inductive sensor

IG-3005-APOG/20m

Article no longer available - archive entry



### Electrical data

Operating voltage	[V]	10...55 DC
Current consumption	[mA]	15; (24 V)
Protection class		II
Reverse polarity protection		no

### Outputs

Electrical design		PNP
Output function		normally closed
Max. voltage drop switching output DC	[V]	1
Permanent current rating of switching output DC	[mA]	400
Switching frequency DC	[Hz]	200
Short-circuit protection		no
Overload protection		no

### Detection zone

Sensing range	[mm]	5
Real sensing range Sr	[mm]	5 ± 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 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		flush mountable
Dimensions	[mm]	M18 x 1 / L = 80
Thread designation		M18 x 1
Materials		PBT

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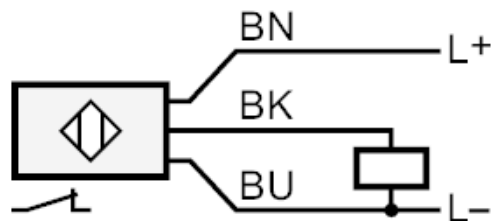
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Displays / operating elements		
Display	switching status	1 x LED, yellow
Accessories		
Accessories (supplied)	lock nuts: 2	
Remarks		
Pack quantity	1 pcs.	

### Electrical connection

Cable: 20 m, PVC; 3 x 0.5 mm<sup>2</sup>

### Connection



Core colours :

- BK = black
- BN = brown
- BU = blue

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