



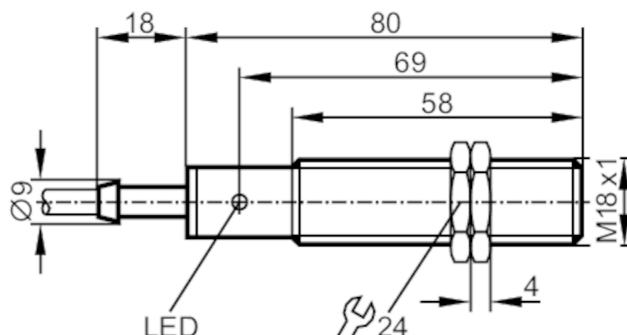
## Inductive sensor

IG-3005-APOG

Article no longer available - archive entry

Alternative articles: IG5400

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



### Product characteristics

Electrical design	PNP
Output function	normally closed
Sensing range [mm]	5
Housing	Threaded type
Dimensions [mm]	M18 x 1 / L = 80

### 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

### Monitoring range

Sensing range [mm]	5
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 / aluminum: 0.4 / copper: 0.3
Hysteresis [% of $S_r$ ]	1...15
Switch-point drift [% of $S_r$ ]	-10...10

# IG5002



## Inductive sensor

IG-3005-APOG

### 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
Material		PBT

### Displays / operating elements

Display	Switching status	1 x LED, yellow
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### Accessories

Items supplied		lock nuts: 2
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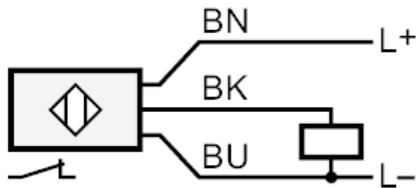
### Remarks

Pack quantity		1 pcs.
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### Electrical connection

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

### Connection



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