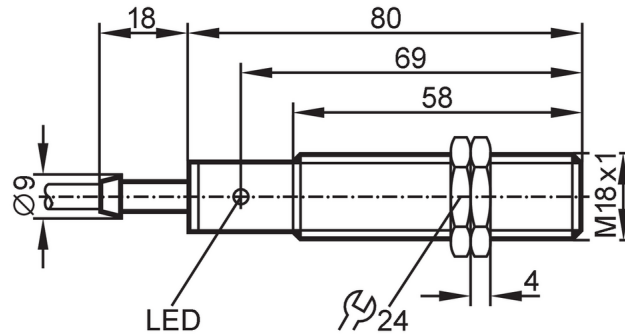


# IG5347



## Inductive sensor

IG-3008-BPKG/10M



### Product characteristics

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

### Electrical data

Operating voltage [V]	10...36 DC
Current consumption [mA]	15; (24 V)
Protection class	II
Reverse polarity protection	yes

### Outputs

Electrical design	PNP
Output function	normally open
Max. voltage drop switching output DC [V]	2.5
Permanent current rating of switching output DC [mA]	250
Switching frequency DC [Hz]	300
Short-circuit protection	yes
Type of short-circuit protection	pulsed
Overload protection	yes

### Detection zone

Sensing range [mm]	8
Real sensing range Sr [mm]	8 ± 10 %
Operating distance [mm]	0...6.5

### Accuracy / deviations

Correction factor	steel: 1 / stainless steel: 0.7 / brass: 0.4 / aluminium: 0.3 / copper: 0.2
Hysteresis [% of Sr]	1...15
Switch point drift [% of Sr]	-10...10

### Operating conditions

Ambient temperature [°C]	-25...80
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# IG5347



## Inductive sensor

IG-3008-BPKG/10M

Protection	IP 67
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### Tests / approvals

EMC	EN 60947-5-2
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MTTF [years]	1853
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### Mechanical data

Weight [g]	490
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Housing	threaded type
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Mounting	non-flush mountable
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Dimensions [mm]	M18 x 1 / L = 80
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Thread designation	M18 x 1
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Materials	housing: PBT
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### Displays / operating elements

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

Items supplied	lock nuts: 2
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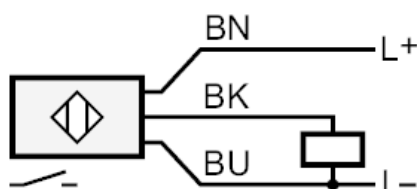
### Remarks

Pack quantity	1 pcs.
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### Electrical connection

Cable: 10 m, PVC; 3 x 0.5 mm<sup>2</sup>

### Connection



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