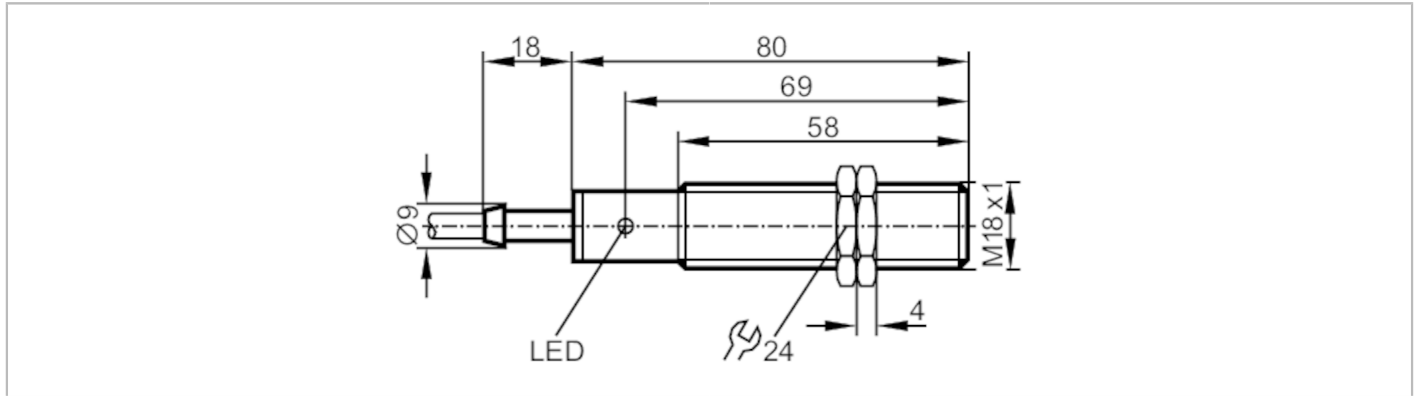


IG5401



Inductive sensor

IG-3008-BPKG



| 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 |

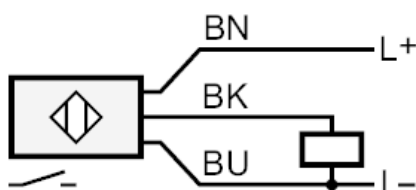
IG5401



Inductive sensor

IG-3008-BPKG

| Operating conditions | | |
|--|------------------|---------------------|
| Ambient temperature | [°C] | -25...80 |
| Protection | | IP 67 |
| Tests / approvals | | |
| EMC | | EN 60947-5-2 |
| MTTF | [years] | 1853 |
| Mechanical data | | |
| Weight | [g] | 124.8 |
| 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 ² | | |
| Connection | | |



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