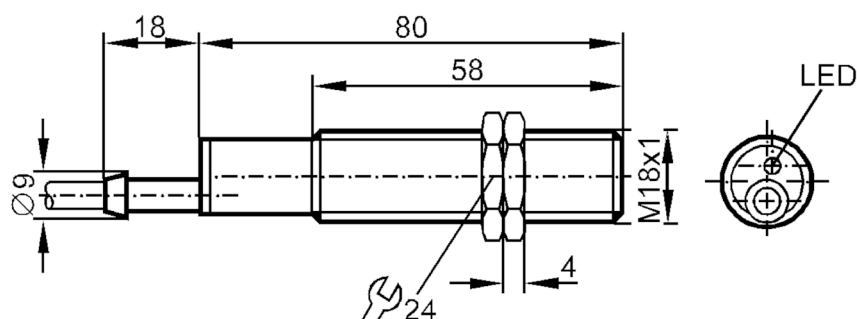


Inductive sensor

IGA2005-BBOW/SL/20m

Article no longer available - archive entry



Product characteristics

| | | |
|-----------------|------|-----------------|
| Output function | | normally closed |
| Sensing range | [mm] | 5 |
| Housing | | Threaded type |
| Dimensions | [mm] | M18 x 1 |

Electrical data

| | | |
|-----------------------------|------|-------------|
| Frequency AC | [Hz] | 47...63 |
| Operating voltage | [V] | 20...250 AC |
| Protection class | | II |
| Reverse polarity protection | | no |

Outputs

| | | |
|---|------|------------------------|
| Output function | | normally closed |
| Max. voltage drop switching output AC | [V] | 5.5 |
| Minimum load current | [mA] | 5 |
| Max. leakage current | [mA] | 2.5 |
| Permanent current rating of switching output AC | [mA] | 300; (500 (...50 °C)) |
| Short-time current rating of switching output | [mA] | 2200; (20 ms / 0,5 Hz) |
| Switching frequency AC | [Hz] | 20 |
| Short-circuit protection | | no |
| Overload protection | | no |

Monitoring range

| | | |
|---------------|------|---|
| Sensing range | [mm] | 5 |
|---------------|------|---|

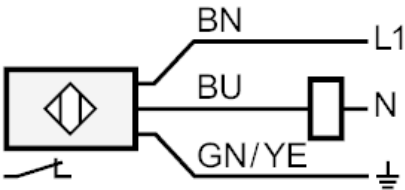
IG0124



Inductive sensor

IGA2005-BBOW/SL/20m

| | | |
|-------------------------------|------------------|--|
| 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 / aluminum: 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 |
| Thread designation | | M18 x 1 |
| Material | | brass nickel-plated; 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: 20 m, PVC; 2 x 0.5 mm² | | |
| Connection | | |



BN = Core colors :
brown
BU = blue
GN/YE = green/yellow