

IF5011



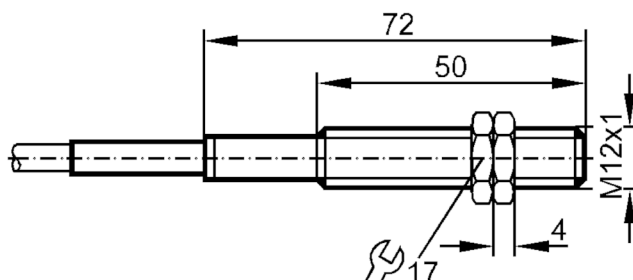
Inductive sensor

IFA3002-BNOG

Article no longer available - archive entry

Alternative articles: IF5620

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



Product characteristics

| | |
|--------------------|-----------------|
| Electrical design | NPN |
| Output function | normally closed |
| Sensing range [mm] | 2 |
| Housing | Threaded type |
| Dimensions [mm] | M12 x 1 |

Electrical data

| | |
|-----------------------------|------------|
| Operating voltage [V] | 10...30 DC |
| Current consumption [mA] | 7; (24 V) |
| Protection class | II |
| Reverse polarity protection | no |

Outputs

| | |
|--|-----------------|
| Electrical design | NPN |
| Output function | normally closed |
| Max. voltage drop switching output DC [V] | 1.5 |
| Permanent current rating of switching output DC [mA] | 200 |
| Switching frequency DC [Hz] | 700 |
| Short-circuit protection | no |
| Overload protection | no |

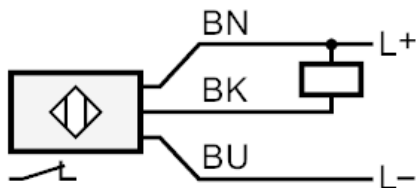
IF5011



Inductive sensor

IFA3002-BNOG

| Monitoring range | | |
|-------------------------------|-----------|--|
| Sensing range | [mm] | 2 |
| Real sensing range Sr | [mm] | 2 ± 10 % |
| Operating distance | [mm] | 0...1.6 |
| Accuracy / deviations | | |
| Correction factor | | steel: 1 / stainless steel: 0.7 / brass: 0.4 / aluminum: 0.4 / copper: 0.3 |
| Hysteresis | [% of Sr] | 3...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] | M12 x 1 |
| Thread designation | | M12 x 1 |
| Material | | brass nickel-plated; PBT |
| Accessories | | |
| Items supplied | | lock nuts: 2 |
| Remarks | | |
| Pack quantity | | 1 pcs. |
| Electrical connection | | |
| Cable: 2 m, PVC; 3 x 0.34 mm² | | |
| Connection | | |



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