

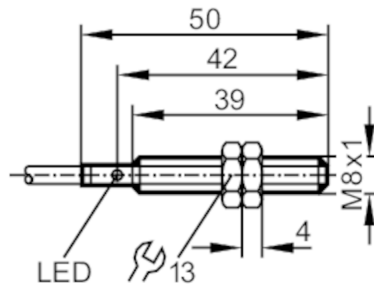
IE5162



Inductive sensor

IE-3001-APOG/20m

Article no longer available - archive entry



Electrical data

| | | |
|-----------------------------|------|------------|
| Operating voltage | [V] | 10...36 DC |
| Current consumption | [mA] | 15; (24 V) |
| Protection class | | III |
| 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] | 200 |
| Switching frequency DC | [Hz] | 1000 |
| Short-circuit protection | | no |
| Overload protection | | no |

Detection zone

| | | |
|-----------------------|------|----------|
| Sensing range | [mm] | 1 |
| Real sensing range Sr | [mm] | 1 ± 10 % |
| Operating distance | [mm] | 0...0.8 |

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 |
| Protection | | IP 67 |

Tests / approvals

| | | | |
|------|---------|--------------|---------|
| EMC | | EN 60947-5-2 | |
| | | EN 55011 | class B |
| MTTF | [years] | 2737 | |

IE5162



Inductive sensor

IE-3001-APOG/20m

| Mechanical data | |
|--------------------|-----------------|
| Housing | threaded type |
| Mounting | flush mountable |
| Dimensions [mm] | M8 x 1 / L = 50 |
| Thread designation | M8 x 1 |
| Materials | PBT |

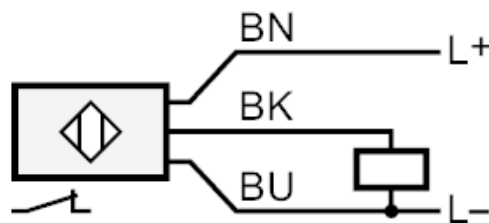
| Displays / operating elements | | |
|-------------------------------|------------------|-----------------|
| Display | switching status | 1 x LED, yellow |

| Accessories | |
|------------------------|--------------|
| Accessories (supplied) | lock nuts: 2 |

| Remarks | |
|---------------|--------|
| Pack quantity | 1 pcs. |

Electrical connection
Cable: 20 m, PVC; 3 x 0.14 mm²

Connection



Core colours :

BN = brown
BU = blue
BK = black

Article no longer available - archive entry