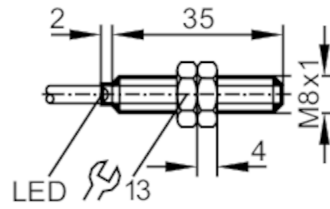


IE5387



Inductive sensor

IEBC003BASKG/0,23M



| Product characteristics | |
|--|---|
| Electrical design | PNP/NPN |
| Output function | normally open |
| Sensing range [mm] | 3 |
| Housing | threaded type |
| Dimensions [mm] | M8 x 1 / L = 37 |
| Electrical data | |
| Operating voltage [V] | 10...30 DC |
| Current consumption [mA] | < 10; (only in 3-wire operation) |
| Protection class | III |
| Reverse polarity protection | yes |
| Outputs | |
| Electrical design | PNP/NPN |
| Output function | normally open |
| Max. voltage drop switching output DC [V] | 2.8 |
| Minimum load current [mA] | 2; (only in 2-wire operation) |
| Max. leakage current [mA] | 0.5; (only in 2-wire operation) |
| Permanent current rating of switching output DC [mA] | 100 |
| Switching frequency DC [Hz] | 1000 |
| Short-circuit protection | yes |
| Type of short-circuit protection | pulsed |
| Overload protection | yes |
| Detection zone | |
| Sensing range [mm] | 3 |
| Operating distance [mm] | 0...2.4 |
| Accuracy / deviations | |
| Correction factor | steel: 1 / stainless steel: 0.7 / brass: 0.5 / aluminium: 0.4 / copper: 0.3 |
| Hysteresis [% of Sr] | 1...15 |
| Operating conditions | |
| Ambient temperature [°C] | 0...70 |
| Protection | IP 67 |
| Tests / approvals | |
| EMC | EN 60947-5-2 |

IE5387



Inductive sensor

IEBC003BASKG/0,23M

| | | |
|------|---------|------|
| MTTF | [years] | 1517 |
|------|---------|------|

Mechanical data

| | | |
|--------------------|------|--|
| Weight | [g] | 22.5 |
| Housing | | threaded type |
| Mounting | | flush mountable |
| Dimensions | [mm] | M8 x 1 / L = 37 |
| Thread designation | | M8 x 1 |
| Materials | | brass white bronze coated; sensing face: LCP |

Displays / operating elements

| | | |
|---------|------------------|-----------------|
| Display | switching status | 1 x LED, yellow |
|---------|------------------|-----------------|

Accessories

| | | |
|----------------|--|--------------|
| Items supplied | | lock nuts: 2 |
|----------------|--|--------------|

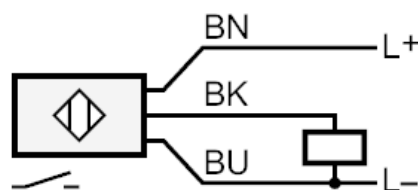
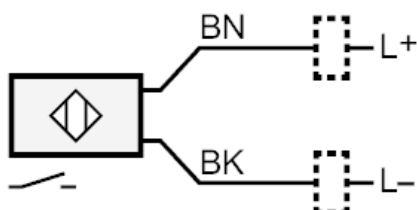
Remarks

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

Electrical connection

Cable: 0.23 m, PVC; 3 x 0.14 mm²

Connection



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