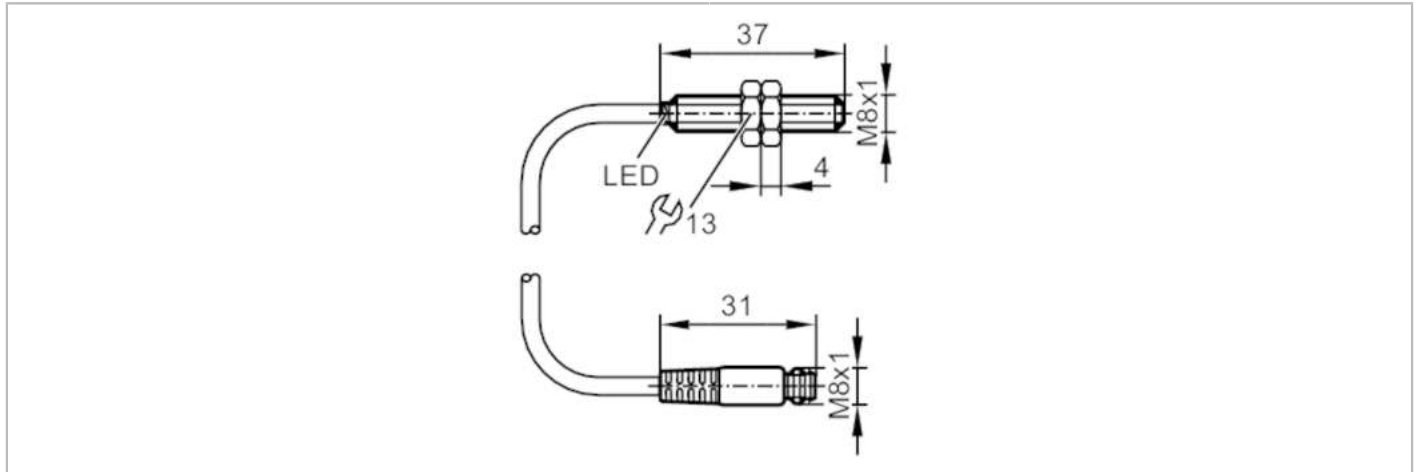


IE5344



Inductive sensor

IEBC003BASKG/0,3M/AS



| 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 |
| Max. leakage current [mA] | 0.5; (only in 2-wire operation) |
| Permanent current rating of switching output DC [mA] | 100; (only in 2-wire operation) |
| 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 |

IE5344



Inductive sensor

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| | | |
|--------------------------------------|------------------|--|
| Hysteresis | [% of Sr] | 1...15 |
| Operating conditions | | |
| Ambient temperature | [°C] | 0...60 |
| Protection | | IP 67 |
| Tests / approvals | | |
| EMC | | EN 60947-5-2 |
| MTTF | [years] | 1517 |
| UL approval | Ta | -25...80 °C |
| | Enclosure type | Type 1 |
| | power supply | Limited Voltage/Current |
| | File number UL | E174191 |
| Mechanical data | | |
| Weight | [g] | 24.6 |
| 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. |

IE5344



Inductive sensor

IEBC003BASKG/0,3M/AS

Electrical connection - plug

Cable: 0.3 m, PVC; 3 x 0.14 mm²

Connector: 1 x M8; coding: A; Locking: snap-fit

