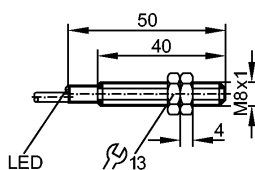


ME5011

MEB3060-BPKG/PH

Magnetic sensors, cylinder sensors



Product characteristics

| |
|--|
| Magnetic sensor |
| Metal thread M8 x 1 |
| Cable |
| Sensing range 60 mm; referred to magnet M4.0 |
| Magnetic sensitivity ca. 1.2 mT |

Electrical data

| | |
|-----------------------------|---|
| Electrical design | DC PNP |
| Operating voltage [V] | 10...30 DC; cULus - Class 2 source required |
| Current consumption [mA] | < 10 |
| Protection class | III |
| Reverse polarity protection | yes |

Outputs

| | |
|--------------------------|--------------------|
| Output function | normally open |
| Voltage drop [V] | < 2.5 |
| Current rating [mA] | 200 |
| Short-circuit protection | yes (non-latching) |
| Overload protection | yes |
| Switching frequency [Hz] | 5000 |

Monitoring range

| | |
|---------------------------|-----------------------------|
| Sensing range [mm] | 60, referred to magnet M4.0 |
| Magnetic sensitivity [mT] | ca. 1.2 |

Accuracy / deviations

| | |
|----------------------|--------|
| Hysteresis [% of Sr] | 1...10 |
|----------------------|--------|

Environment

| | |
|--------------------------|----------|
| Ambient temperature [°C] | -25...75 |
| Protection | IP 67 |

Tests / approvals

| | |
|-----|---|
| EMC | EN 61000-4-2 ESD: 4 kV CD / 8 kV AD |
| | EN 61000-4-3 HF radiated: 10 V/m |
| | EN 61000-4-4 Burst: 2 kV |
| | EN 61000-4-5 Surge: 0.5 kV (line to line, Ri: 20hm) |
| | EN 61000-4-6 HF conducted: 10 V |
| | EN 55011: class B |

| | |
|--------------|------|
| MTTF [Years] | 3052 |
|--------------|------|

Mechanical data

| | |
|-------------------|--|
| Housing materials | housing: stainless steel (316L); active face: PBT orange |
| Weight [kg] | 0.068 |

Displays / operating elements

| | |
|------------------------------|--------|
| Output status indication LED | yellow |
|------------------------------|--------|

ME5011

MEB3060-BPKG/PH

Magnetic sensors, cylinder sensors

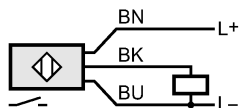
Electrical connection

| | |
|------------|---|
| Connection | PUR / PVC cable / 2 m; 3 x 0.14 mm ² |
|------------|---|

Wiring

Core colors

- BK black
- BN brown
- BU blue



Accessories

| | |
|------------------------|-------------|
| Accessories (included) | 2 lock nuts |
|------------------------|-------------|

Remarks

| | | |
|---------------|---------|---|
| Pack quantity | [piece] | 1 |
|---------------|---------|---|