# MS5002

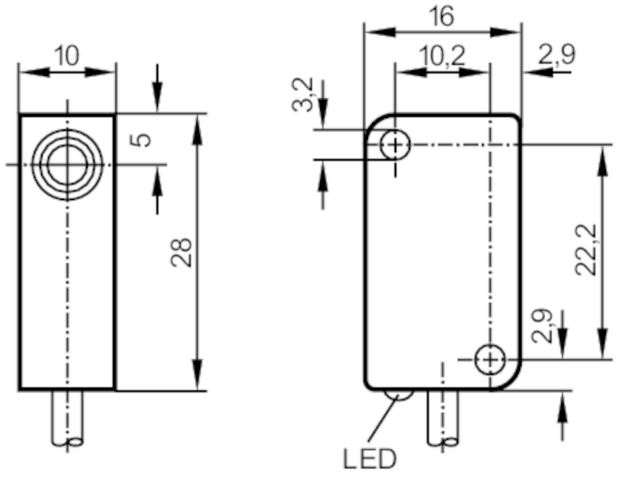
## Magnetic sensor

MS-3060-BPKG

Article no longer available - archive entry

Alternative articles: MS5011

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




CE

| | | |
|---|---|---|
| **Product characteristics** | | |
| Electrical design | | PNP |
| Output function | | normally open |
| Sensing range | [mm] | 60;  (referred to magnet M 4.0) |
| Housing | | rectangular |
| Dimensions | [mm] | 28 x 10 x 16 |
| **Electrical data** | | |
| Operating voltage | [V] | 10...30 DC |
| Current consumption | [mA] | < 10 |
| Reverse polarity protection | | yes |
| Max. power-on delay time | [ms] | 2 |
| **Outputs** | | |
| Electrical design | | PNP |
| Output function | | normally open |
| Max. voltage drop switching output DC | [V] | 2 |
| Permanent current rating of switching output DC | [mA] | 300 |
| Switching frequency DC | [Hz] | 5000 |
| Short-circuit protection | | yes |
| Type of short-circuit protection | | pulsed |
| Overload protection | | yes |
| **Detection zone** | | |
| Sensing range | [mm] | 60;  (referred to magnet M 4.0) |

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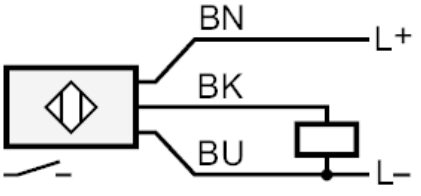
MS-3060-BPKG

| | | | |
|---|---|---|---|
| **Accuracy / deviations** | | | |
| Hysteresis | [% of Sr] | 1...10 | |
| Repeatability | [% of Sr] | 1 | |
| **Operating conditions** | | | |
| Ambient temperature | [°C] | -25...75 | |
| Protection | | IP 67 | |
| **Tests / approvals** | | | |
| EMC | | EN 60947-5-2 | |
| Shock/vibration resistance | | 30 g (11 ms) / 10-55 Hz (1 mm) | |
| **Mechanical data** | | | |
| Housing | | rectangular | |
| Dimensions | [mm] | 28 x 10 x 16 | |
| Materials | | plastics | |
| **Displays / operating elements** | | | |
| Display | | switching status | 1 x LED, yellow |
| **Remarks** | | | |
| Pack quantity | | 1 pcs. | |
| **Electrical connection** | | | |

Cable: 2 m, PUR / PVC; 3 x 0.25 mm²

Connection




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