

1: Fastening clamp
2: sensing face

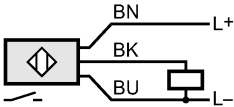


| Product characteristics | | |
|--------------------------------------|---|----------------|
| Cylinder sensor with GMR cell | | |
| Plastic housing for T-slot cylinders | | |
| Cable | | |
| [f] flush mountable | | |
| Magnetic sensitivity 2.8 mT | | |
| Travel speed > 10 m/s | | |
| Electrical data | | |
| 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 | |
| Overload protection | yes | |
| Switching frequency [Hz] | 10000 | |
| Monitoring range | | |
| Magnetic sensitivity [mT] | 2.8 | |
| Travel speed [m/s] | > 10 | |
| Accuracy / deviations | | |
| Hysteresis [mm] | < 1.5 | |
| Repeatability [mm] | < 0.2 | |
| Reaction times | | |
| Power-on delay time [ms] | < 30 | |
| Environment | | |
| Ambient temperature [°C] | -25...85 | |
| Protection | IP 65 / IP 67 | |
| Tests / approvals | | |
| EMC | EN 61000-4-2 ESD: | - CD / 8 kV AD |

MK5117

MKT3028BBPKG/G/6.0M/ZH

Magnetic sensors, cylinder sensors

| | | |
|--|---------|--|
| | | EN 61000-4-3 HF radiated: 10 V/m EN 61000-4-4 Burst: 2 kV EN 61000-4-6 HF conducted: 10 V EN 55011: class B |
| MTTF | [Years] | 3694 |
| Mechanical data | | |
| Mounting | | flush mountable |
| Housing materials | | housing: PA (polyamide); Fastening clamp: stainless steel |
| Weight | [kg] | 0.073 |
| Displays / operating elements | | |
| Output status indication | LED | yellow |
| Electrical connection | | |
| Connection | | PUR cable / 6 m; 3 x 0.14 mm² |
| <div>Wiring</div> <div>Core colors</div> <div>BK black</div> <div>BN brown</div> <div>BU blue</div> <div></div> | | |
| Accessories | | |
| Accessories (included) | | rubber placeholder; cable clip |
| Remarks | | |
| Remarks | | Clamping screw with combined slot/hexagon socket head AF 1.5 |
| Pack quantity | [piece] | 1 |