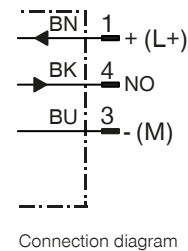
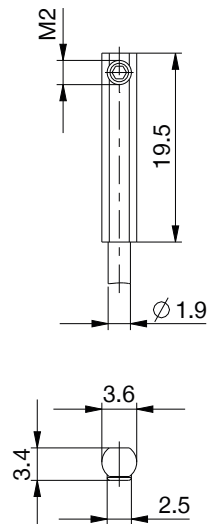
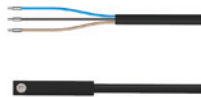


MAGNETIC FIELD SENSORS

MFS02-K-KHC-P1-PNP



| Order no. | MFS02-K-KHC-P1-PNP |
|---|----------------------------------|
| General data | |
| Cylinder design | C-slot |
| Damper housing length [mm] | 19.5 |
| Switching output | PNP |
| Switching frequency [Hz] | 1000 |
| Switching function | Normally open (NO) |
| Electrical version | DC 3-wire |
| Protection to IEC 60529 | IP67 |
| CE – Market approval for Europe | Yes |
| UKCA – Market approval for the United Kingdom | Yes |
| Electrical / Mechanical data | |
| Supply voltage [V DC] | 10 ... 30 |
| Current consumption [mA] | ≤8 |
| Voltage drop [V] | ≤2.5 |
| Continuous current [mA] | ≤100 |
| Response sensitivity typ. [mT] | 1.7 |
| Overrun distance typ. [mm] | 2 |
| Typical hysteresis [mT] | ≤0.4 |
| Reproducibility [mT] | ≤0.1 |
| Protected against polarity reversal | Yes |
| Short-circuit-proof | Yes |
| Power-up pulse protection | Yes |
| Ambient temperature range [°C] | -25 ... +75 |
| Shock and vibration resistance | 30 g, 11 ms / 10 ... 55 Hz, 1 mm |
| Housing Material | Plastics |
| Connection type | Cable |
| Cable length [m] | 5 |
| Nr. of wires x diameter [mm ²] | 3x0.09 |
| Cable sheath material | PUR |
| Bending radius for fixed routing, min. | 3xØ |
| Bending radius when using a drag chain, min. | 5xØ |