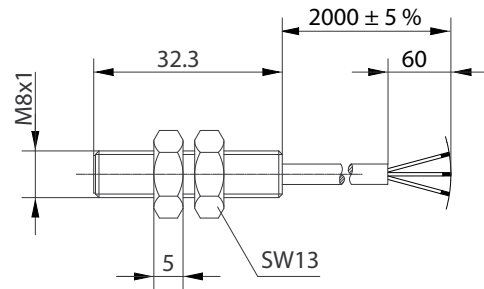
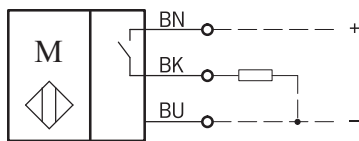


Magnetic Sensor Series M08

Description **MEM-M08PS/M02-K2**

Article number **6373260107**

Wiring diagram



Identifying characteristics in accordance with EN 60947-5-2

| Electrical data | |
|-------------------------------|-----------------------------|
| Assured operating distance | 40 mm |
| Switching function | PNP, N.O. |
| Operational voltage range | U_b 10 – 30 VDC |
| Rated operational current | I_e 200 mA |
| No-load supply current | I_o < 20 mA |
| Voltage drop | U_d < 3 V |
| Switching element | MR (omnipolar), typ. 1,5 mT |
| Short-circuit protection | pulsed |
| Frequency of operating cycles | f 1500 Hz |
| Assembly position | optional |
| False polarity protection | yes |
| Corresponding magnet | T-62 N/S |

| Electromagnetic compatibility (EMC) | |
|---|---------------|
| Electromagnetic field test | IEC 61000-4-3 |
| Electrostatic discharge test | IEC 61000-4-2 |
| Electrical fast transient immunity test (Burst) | IEC 61000-4-4 |
| Radiated disturbance field strength | EN 55011 |

| Mechanical data | |
|-------------------------|--|
| Enclosure | Brass, nickel plated |
| Front cap | PA 6.6, black |
| Ambient air temperature | -20 °C ... +70 °C (cable fixed mounted) |
| Type of protection | IP 67 acc. to EN 60529 |
| Termination type | Cable 3 x 0,14 mm ² , PVC-Outer jacket, black |
| For attachment | 2 x hexagon nut |

| EU Conformity | |
|---------------|-----------------------------------|
| | acc. to directive 2004 / 108 / EC |