

ELECTRONIC MAGNETIC SENSORS Type M08, M10



| Type | M08 | M08 | M10 | M10 |
|---|-------------------|---------------------------------------|--|--------------------------|
| Enclosure material | CuZn39Pb3 | CuZn39Pb3 | CuZn39Pb3 | CuZn39Pb3 |
| Operating mode | Hall | MR | Hall | Hall |
| Magnetic sensitivity (mT) | 10 mT | 1.5 mT | 10 mT | 10 mT |
| Sensing distance (Sn) | 17 mm | 45 mm | 17 mm | 17 mm |
| Reference magnet (Side) | T-62 N/S | T-62 N/S | T-62 N/S | T-62 N/S |
| Type of connection | Cable 2 m | Cable 2 m | Cable 2 m | Cable 2 m |
| Special feature | | | | All-metal |
| PNP | NO contact | 6373260107 MEM-M08PS/M02-K2 | 6372261085 MEM-M10PS/H10-KL2 | |
| PNP | NC contact | 6373160162 MEM-M08PÖ/M02-K2 | 6372161086 MEM-M10PÖ/H10-KL2 | |
| PNP | bistable | | 6373461124 MEM-M10PB/H11-KL2 | |
| NPN | NO contact | 6362660002 MEM-M08NS/H10-K2 | 6362661003 MEM-M10NS/H10-K2 | |
| NPN | bistable | 6363860033 MEM-M08NB/H11-K2 | 6363861034 MEM-M10NB/H11-K2 | |
| Technical data | | | | |
| Rated operating voltage range | U_b | 4.5–24 V | 10–30 V | 4.5–24 V |
| Rated operating current | I_e | 25 mA | 200 mA | 25 mA |
| Max. switching voltage | F | 20 kHz | 1500 Hz | 20 kHz |
| Function/operating voltage indicator | | –/– | –/– | LED/– |
| Sensitivity adjustable | | | | |
| Short circuit-protection | | Current limiter | cyclic | Current limiter |
| Mechanical data | | | | |
| Ambient temperature (min/max) | | –25°C/+70°C | –25°C/+70°C | –25°C/+70°C |
| Protection class in accordance with IEC 529, EN 60529 | | IP67 | IP67 | IP67 |
| Connection | | 3 x 0.14 mm ² | 3 x 0.14 mm ² | 3 x 0.14 mm ² |

