

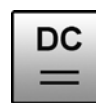
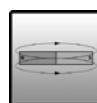
dimensions 6.2 x 4.3 x 40mm

T-groove detection range 0 bis 50mm

- ✓ insertable from above
- ✓ plastic housing
- ✓ LED-display
- ✓ short-circuit and reverse polarity protected
- ✓ degree of protection IP67

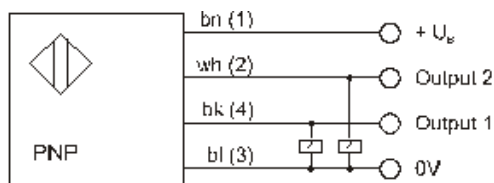


**wear-free cylinder sensor  
2 teachable switching points**



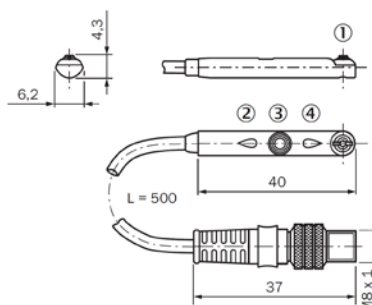
|                                |                                                         |
|--------------------------------|---------------------------------------------------------|
| article-no.                    | MZ070787                                                |
| <b>Technical Data</b>          |                                                         |
| detection range                | 0 ... 50mm                                              |
| output signal                  | 2 x pnp                                                 |
| operating voltage              | 12 ... 30V DC                                           |
| residual ripple                | ≤ 10%                                                   |
| current consumption (w/o load) | ≤ 15mA                                                  |
| output current (max. load)     | ≤ 100mA (2 x 50mA)                                      |
| voltage drop (max. load)       | ≤ 2.2V DC                                               |
| hysteresis                     | typ. 4mm                                                |
| repeatability                  | ≤ 0.1mT (if U <sub>B</sub> and T <sub>A</sub> constant) |
| display (signal)               | 2 x LED yellow                                          |
| short-circuit protection       | +                                                       |
| reverse polarity protection    | +                                                       |
| material (housing)             | plastic                                                 |
| dimensions                     | 6.2 x 4.3 x 40mm                                        |
| temperature (operating)        | -20 ... +75°C                                           |
| protection class (EN 60529)    | IP67                                                    |
| shock and vibration resistance | 30G, 11ms / 10 ... 55Hz, 1mm                            |
| EMC resistance                 | acc. to EN 60947-5-2                                    |
| connection                     | M8-cable connector 0.5m, 4-pin, rotatable thread        |
| connection accessories         | e.g. VK200375                                           |

## connection



bn=brown, wh=white, bk=black, bl=blue  
terminal marking of cable socket ins brackets

## dimensional drawing



- 1: fixing screw
- 2: LED 2
- 3: teach button
- 4: LED 1

Warning: Never use these devices in applications where the safety of a person depends on their functionality.