

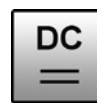
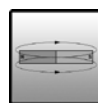
design 3.6 x 2.95 x 19.5mm

C-groove detection range 0 to 50mm

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



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



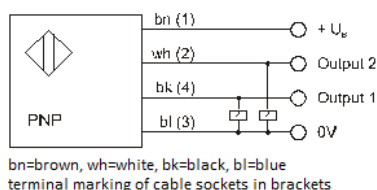
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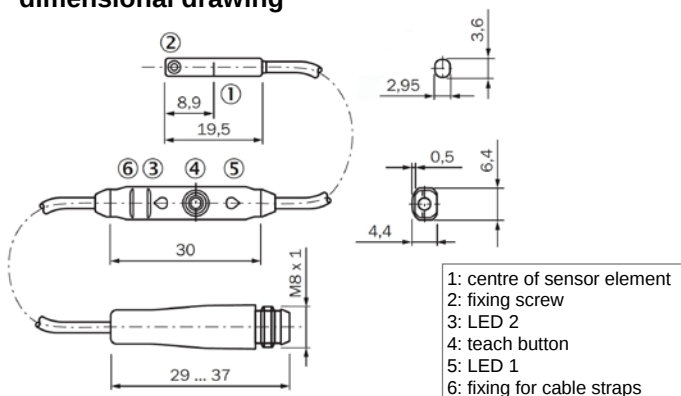
#### TECHNICAL DATA

|                                 |                                                         |
|---------------------------------|---------------------------------------------------------|
| 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                      | 3.6 x 2.95 x 19.5mm                                     |
| temperature (operating)         | -20 ... +75°C                                           |
| degree of protection (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                                           |

#### pin configuration



#### dimensional drawing



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



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Subject to alteration!  
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