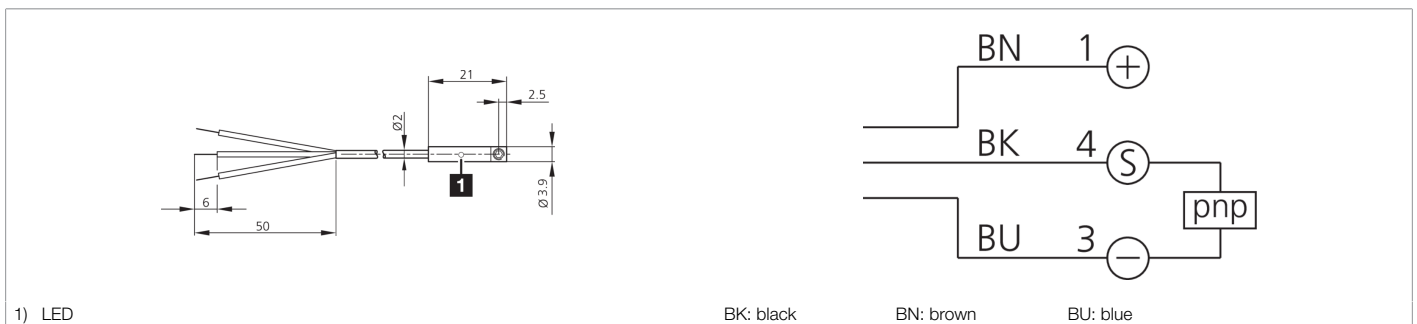




**204437**  
**MZES 3.9 PSL/5**  
**Sensor for gripper systems**

- Specially aligned magnetic field for use on grippers with C-groove 3.9 mm
- Short design
- Mounting element made of stainless steel
- Highly flexible cable
- Fully electronic
- Fully molded electronic circuitry, vibration-resistant
- High reproducibility
- High protection type



| Function |  |  |  |  |  |  |  |  |  |                                                                                                                                                                             |
|----------|--|--|--|--|--|--|--|--|--|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|          |  |  |  |  |  |  |  |  |  |   |

| Technical data (typ.)                | +20°C, 24 V DC                                            |
|--------------------------------------|-----------------------------------------------------------|
| Current-carrying capacity            | 100 mA, not short-circuit-proof, polarity-safe            |
| Service voltage                      | 10 ... 35 V DC                                            |
| No-load current (max.)               | 12 mA                                                     |
| Insulation voltage endurance         | 500 V                                                     |
| Cylinder groove                      | C-groove 3.9 mm, insertion in lateral direction of groove |
| Mounting                             | Locking screw                                             |
| Housing material                     | Stainless steel (V2A 1.4301 / AISI 304) / Plastic         |
| Material of cable                    | TPU                                                       |
| Protection class                     | III, operation on protective low voltage                  |
| Switching output                     | pnp, NO                                                   |
| Voltage drop (max.)                  | 2 V                                                       |
| Switching capacity                   | < 3 W (30 V, 100 mA)                                      |
| Reproducibility                      | < 0.1 mm                                                  |
| Display                              | LED yellow - Output signal                                |
| Switching frequency                  | 1000 Hz                                                   |
| Ambient temperature during operation | -20 ... +70 °C                                            |
| Protection type                      | IP 67                                                     |
| Connection                           | Cable, 5.0 m (flying leads), 3 x 0.08 mm <sup>2</sup>     |

| More information / accessories | <a href="https://www.di-soric.com/204437">https://www.di-soric.com/204437</a> |
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