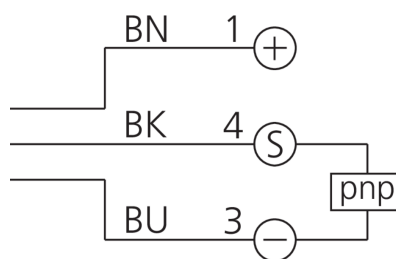
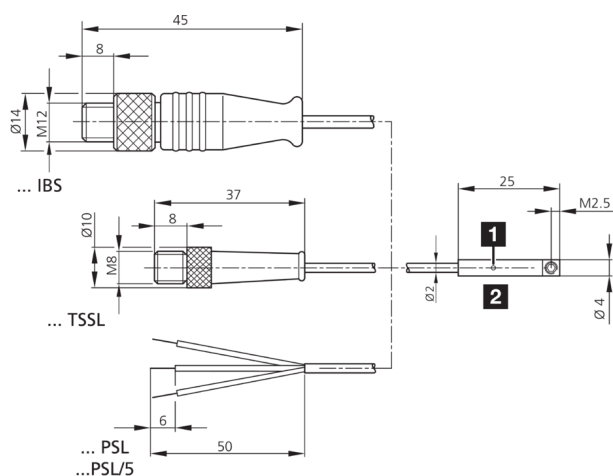


- For pneumatic cylinders with round groove 4 mm
- Stainless steel housing
- Fully electronic
- High reproducibility
- High protection type



BU: blue

CE UK CA 

## +20°C, 24 V DC

|                              |                                                |
|------------------------------|------------------------------------------------|
| Current-carrying capacity    | 100 mA, not short-circuit-proof, polarity-safe |
| Service voltage              | 10 ... 30 V DC                                 |
| No-load current (max.)       | 10 mA                                          |
| Insulation voltage endurance | 500 V                                          |

|                   |                                                           |
|-------------------|-----------------------------------------------------------|
| Cylinder groove   | C-groove 4.0 mm, insertion in lateral direction of groove |
| Mounting          | Locking screw (Allen screw SW 1.3 mm)                     |
| Diameter          | Ø 4.0 mm (Diameter)                                       |
| Housing length    | 25 mm                                                     |
| Housing material  | Stainless steel (V2A 1.4301 / AISI 304)                   |
| Material of cable | TPU                                                       |

|                  |                                          |
|------------------|------------------------------------------|
| Protection class | III, operation on protective low voltage |
|------------------|------------------------------------------|

|                     |                    |
|---------------------|--------------------|
| Operating principle | GMR                |
| Operation on        | Pneumatic cylinder |
| Product series      | MZEC               |



## 201132 MZEC 4.0 PSL Cylinder sensor

| Technical data (typ.)                                     |                                        | +20°C, 24 V DC                                                                |
|-----------------------------------------------------------|----------------------------------------|-------------------------------------------------------------------------------|
| <b>Output, input, interface</b>                           |                                        |                                                                               |
| Switching output                                          | pnp, 200 mA, NO                        |                                                                               |
| Voltage drop (max.)                                       | 2 V                                    |                                                                               |
| Switching capacity                                        | < 3 W (30 V, 100 mA)                   |                                                                               |
| <b>Detection range, measuring range, tolerance limits</b> |                                        |                                                                               |
| Reproducibility                                           | < 0.1 mm                               |                                                                               |
| <b>Display, operation</b>                                 |                                        |                                                                               |
| Display                                                   | LED yellow - Output signal             |                                                                               |
| <b>Time behavior</b>                                      |                                        |                                                                               |
| Switching frequency                                       | 1000 Hz                                |                                                                               |
| <b>Ambient conditions</b>                                 |                                        |                                                                               |
| Ambient temperature during operation                      | -20 ... +70 °C                         |                                                                               |
| Protection type                                           | IP 67                                  |                                                                               |
| <b>Electrical connection</b>                              |                                        |                                                                               |
| Connection                                                | Cable, 2.5 m, 3 x 0.08 mm <sup>2</sup> |                                                                               |
| More information / accessories                            |                                        | <a href="https://www.di-soric.com/201132">https://www.di-soric.com/201132</a> |