

## MR07C453

### MAGNETIC SENSORS • SENSORS FOR PNEUMATIC CYLINDERS

10-30V AC/DC, 2draht, 30mA, M8-Stckr



#### MECHANICAL DATA

|                                       |                  |
|---------------------------------------|------------------|
| Ambient temperature                   | -25 °C ... 80 °C |
| Degree of protection (IP)             | IP67             |
| Housing design                        | Cuboid           |
| Housing material                      | Plastic          |
| Increased ambient temperatures > 80°C | No               |
| Metal housing                         | No               |
| Mounting access, cylinder groove      | Lateral          |
| Sensor height                         | 5 mm             |
| Sensor length                         | 16 mm            |
| Sensor width                          | 26 mm            |
| Strong vibration / motion             | No               |

#### ELECTRICAL DATA

|   |  |
|---|--|
| Contact life                                | ≤ 10 <sup>5</sup> ... 10 <sup>6</sup> circuity |
| Cross/short circuit identification possible | No   |
| Low sensitivity                             | No   |
| Low switching hysteresis                    | No   |
| Max. output current                         | 30 mA  |
| Number of pins                              | 3  |
| Number of switching outputs                 | 1  |
| Operating voltage                           | 10 V ... 30 V                                  |
| Reed contact                                | Yes  |
| Reverse polarity protection                 | Yes  |
| Setting via teach-in                        | No   |
| Short-circuit-proof                         | No   |
| Suitable for safety functions               | No   |
| Switching capacity                          | 0.9 W  |
| Two switching points                        | No   |
| Type of electrical connection               | Connector M8                                   |
| Type of switching function                  | Normally open contact                          |
| Type of switching output                    | Dry reed contact                               |

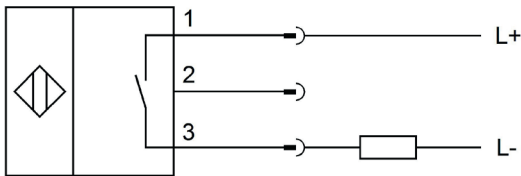
## ELECTRICAL DATA

|  |       |
|--|-------|
| Voltage type                                   | AC/DC |
| With LED display                               | Yes   |
| With monitoring function of downstream devices | No    |

## OTHER DATA

|                                |               |
|--------------------------------|---------------|
| Cylinder sensors               | Yes           |
| Cylinder version               | With T-groove |
| Harsh environmental conditions | No            |
| Metallic sensor surface        | No            |
| Oil and cooling lubricants     | No            |
| Short travel path              | No            |

## CONNECTION



**Colors:** 1 = BN (brown), 2 = BU (blue), 3 = BK (black)

**Functions:** 1 = L+, 2 = n. c., 3 = L-

## DIMENSIONAL DRAWING

### INSTALLATION



Mounting / Installation may only be carried out by a qualified electrician!

### DISPOSAL



### SAFETY WARNINGS

Before initial operation, please make sure to follow all safety instructions that may be provided in the product information!