



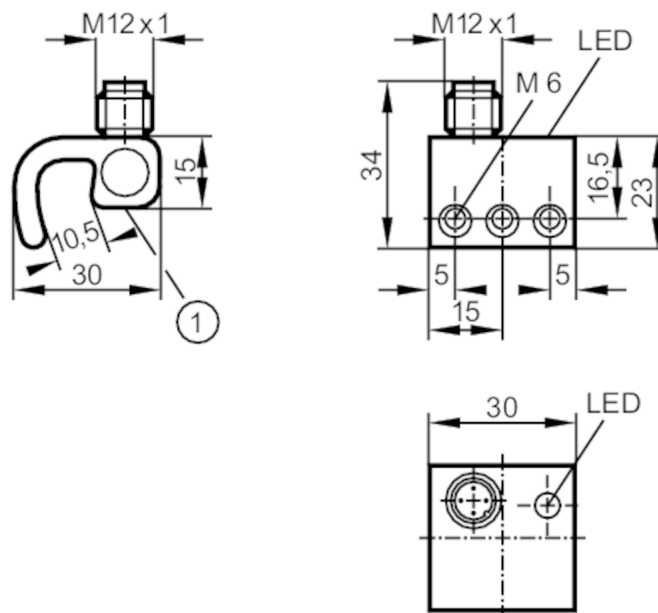
## Cylinder sensor for tie-rod cylinder

MKZ3000-BPKG/US-100-DPS

Article no longer available - archive entry

Alternative articles: MK5108 + E11797

When selecting an alternative article and accessories please note that technical data may differ!



1 sensing face



### Product characteristics

|                   |               |
|-------------------|---------------|
| Electrical design | PNP           |
| Output function   | normally open |
| Dimensions [mm]   | 30 x 30 x 23  |

### Electrical data

|                               |            |
|-------------------------------|------------|
| Operating voltage [V]         | 10...30 DC |
| Current consumption [mA]      | < 10       |
| Reverse polarity protection   | yes        |
| Max. power-on delay time [ms] | 2          |

### Outputs

|                                                      |                    |
|------------------------------------------------------|--------------------|
| Electrical design                                    | PNP                |
| Output function                                      | normally open      |
| Max. voltage drop switching output DC [V]            | 2                  |
| Permanent current rating of switching output DC [mA] | 300                |
| Switching frequency DC [Hz]                          | 5000               |
| Short-circuit protection                             | yes                |
| Type of short-circuit protection                     | yes (non-latching) |
| Overload protection                                  | yes                |

# MK5005



## Cylinder sensor for tie-rod cylinder

MKZ3000-BPKG/US-100-DPS

| Monitoring range              |                                |                    |
|-------------------------------|--------------------------------|--------------------|
| Magnetic sensitivity          | [mT]                           | 3                  |
| Travel speed                  | [m/s]                          | < 5                |
| Accuracy / deviations         |                                |                    |
| Hysteresis                    | [mm]                           | 1                  |
| Repeatability                 | [mm]                           | 0.1                |
| Operating conditions          |                                |                    |
| Ambient temperature           | [°C]                           | -25...75           |
| Protection                    |                                | IP 67              |
| Tests / approvals             |                                |                    |
| EMC                           | EN 60947-5-2                   |                    |
| Shock/vibration resistance    | 30 g (11 ms) / 10-55 Hz (1 mm) |                    |
| Mechanical data               |                                |                    |
| Sensing face                  |                                | front              |
| Cylinder type                 |                                | tie rod cylinders  |
| Dimensions                    | [mm]                           | 30 x 30 x 23       |
| Material                      |                                | aluminum; plastics |
| Displays / operating elements |                                |                    |
| Display                       | Switching status               | 1 x LED, yellow    |
| Remarks                       |                                |                    |
| Pack quantity                 | 1 pcs.                         |                    |
| Electrical connection - plug  |                                |                    |

Connector: 1 x M12; coding: A



### Connection

