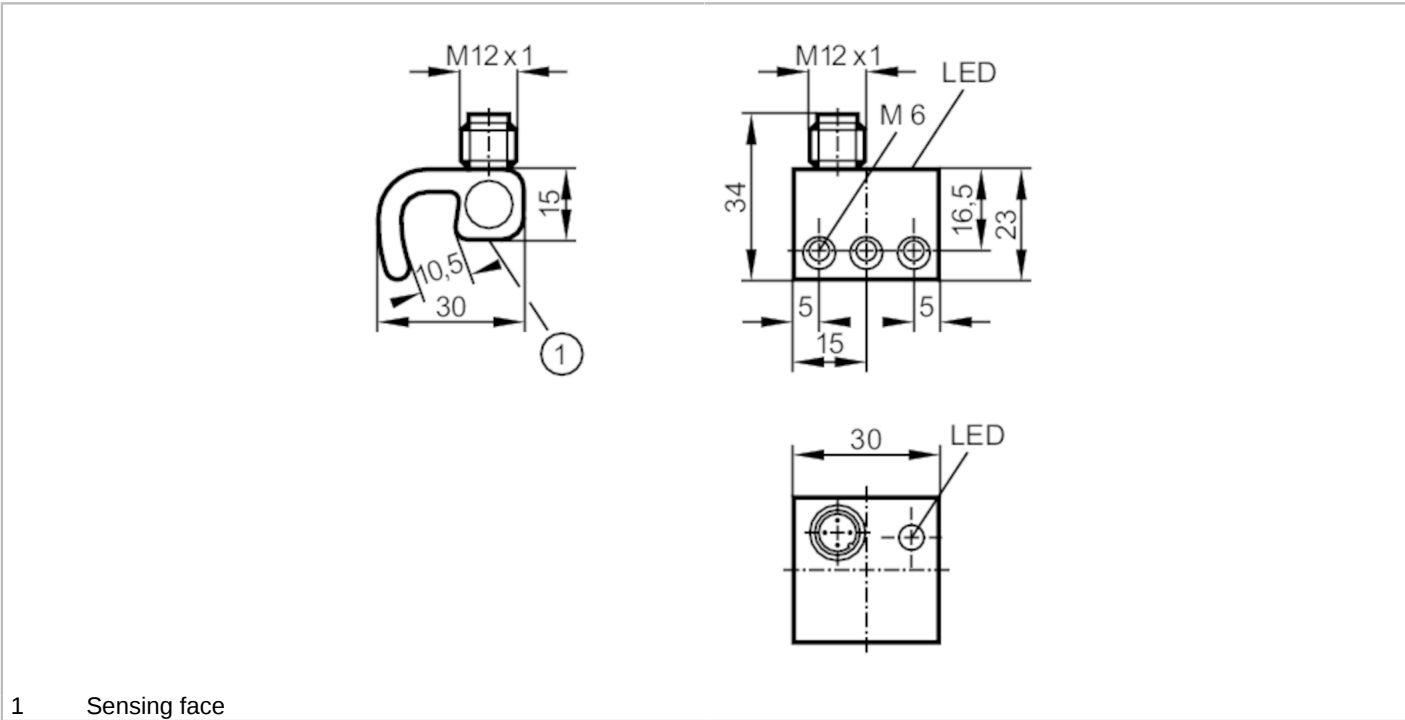




Cylinder sensor for tie-rod cylinder

MKZ3000-BPKG/US-100-DPS

Article no longer available - archive entry



| 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                |      | pulsed        |
| Overload protection                             |      | yes           |
| Detection zone                                  |      |               |
| Response sensitivity                            | [mT] | 2             |

# MK5048



## Cylinder sensor for tie-rod cylinder

MKZ3000-BPKG/US-100-DPS

|              |       |     |
|--------------|-------|-----|
| 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; (Joucomatic) |
| Dimensions    | [mm] | 30 x 30 x 23                    |
| Materials     |      | aluminium; 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

