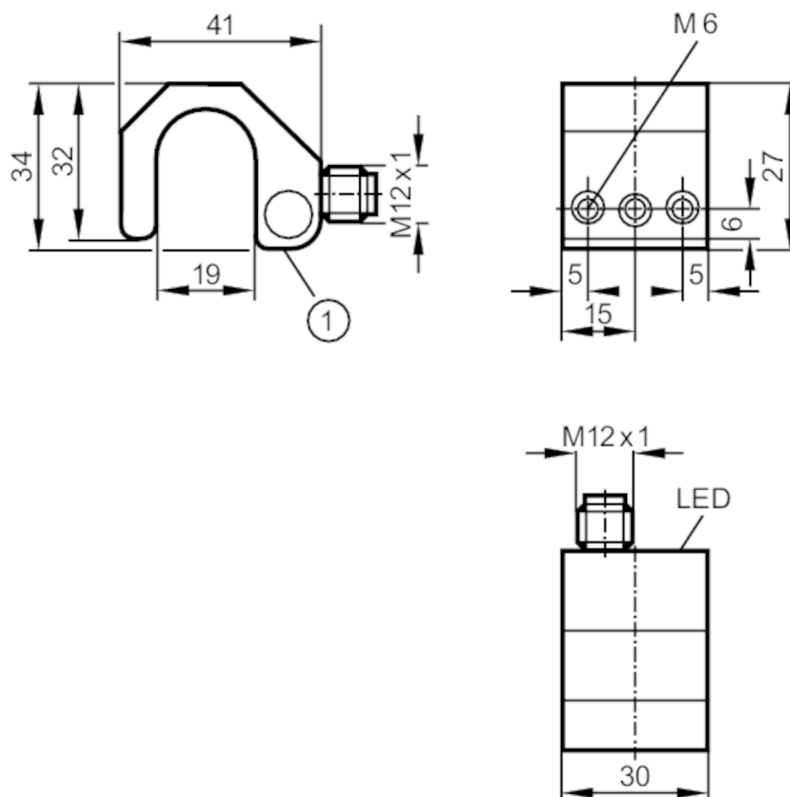


## Cylinder sensor for integrated profile cylinders

MKP3000-BPKG/US-100-DPS

Article no longer available - archive entry



1 sensing face



## Product characteristics

|                   |               |
|-------------------|---------------|
| Electrical design | PNP           |
| Output function   | normally open |
| Dimensions [mm]   | 41 x 30 x 27  |

## 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          |

# MK5027



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|                                  |        |
|----------------------------------|--------|
| Short-circuit protection         | yes    |
| Type of short-circuit protection | pulsed |
| Overload protection              | yes    |

### Detection zone

|                      |       |     |
|----------------------|-------|-----|
| Response sensitivity | [mT]  | 2   |
| 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 |      | integrated profile cylinders; (Joucomatic) |
| Dimensions    | [mm] | 41 x 30 x 27                               |
| 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



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### Connection

