



# PUM12-S02

Device columns

**MOUNTING SYSTEMS**

**SICK**  
Sensor Intelligence.



Illustration may differ



### Ordering information

| Type      | part no. |
|-----------|----------|
| PUM12-S02 | 2019654  |

Other models and accessories → [www.sick.com/Device\\_columns](http://www.sick.com/Device_columns)

### Detailed technical data

#### Features

|                                          |                                                                 |
|------------------------------------------|-----------------------------------------------------------------|
| <b>Description</b>                       | For outdoor area with heating 220 V, column height 1223 mm      |
| <b>Mounting system type</b>              | Mechanical anchoring to the floor                               |
| <b>Items supplied</b>                    | Device column<br>Incl. brackets and coupling with screw closure |
| <b>Column height</b>                     | 1,223 mm                                                        |
| <b>Suitable for device variants</b>      | M2000, M4000 safety light-beam sensor                           |
|                                          | M4000 Standard, M40#-0250#0##0                                  |
|                                          | M4000 Standard A/P, M40Z-025000#R0                              |
|                                          | M4000 Advanced, M40#-0250#3##0                                  |
|                                          | M4000 Advanced A/P, M40Z-025003##0                              |
| <b>Suitable for number of beams</b>      | 2                                                               |
| <b>Suitable for beam separation</b>      | 500 mm                                                          |
| <b>Height of first beam above ground</b> | 400 mm                                                          |

#### Electronics

|                                     |                                      |
|-------------------------------------|--------------------------------------|
| <b>Protection class</b>             | I                                    |
| <b>Supply voltage V<sub>s</sub></b> | 230 V AC <sup>1)</sup>               |
| <b>Power consumption</b>            | Approx. 120 W, at 0 °C <sup>1)</sup> |

<sup>1)</sup> Heating.

#### Mechanics

|                   |              |                        |
|-------------------|--------------|------------------------|
| <b>Material</b>   | Front screen | Plexiglas front screen |
| <b>Dimensions</b> | L1           | 400 mm <sup>1)</sup>   |

<sup>1)</sup> Height of first beam above ground.

<sup>2)</sup> Beam separation.

|                                 |    |                      |
|---------------------------------|----|----------------------|
|                                 | L2 | 500 mm <sup>2)</sup> |
| Cross-section of column profile |    | 151.6 mm x 122.1 mm  |
| Diameter of base plate          |    | 180 mm               |

<sup>1)</sup> Height of first beam above ground.

<sup>2)</sup> Beam separation.

## Ambient data

|                                      |                                        |
|--------------------------------------|----------------------------------------|
| <b>Enclosure rating</b>              | IP31 (device column)<br>IP65 (Heating) |
| <b>Ambient operating temperature</b> | -15 °C ... +40 °C                      |
| <b>Storage temperature</b>           | -25 °C ... +75 °C                      |

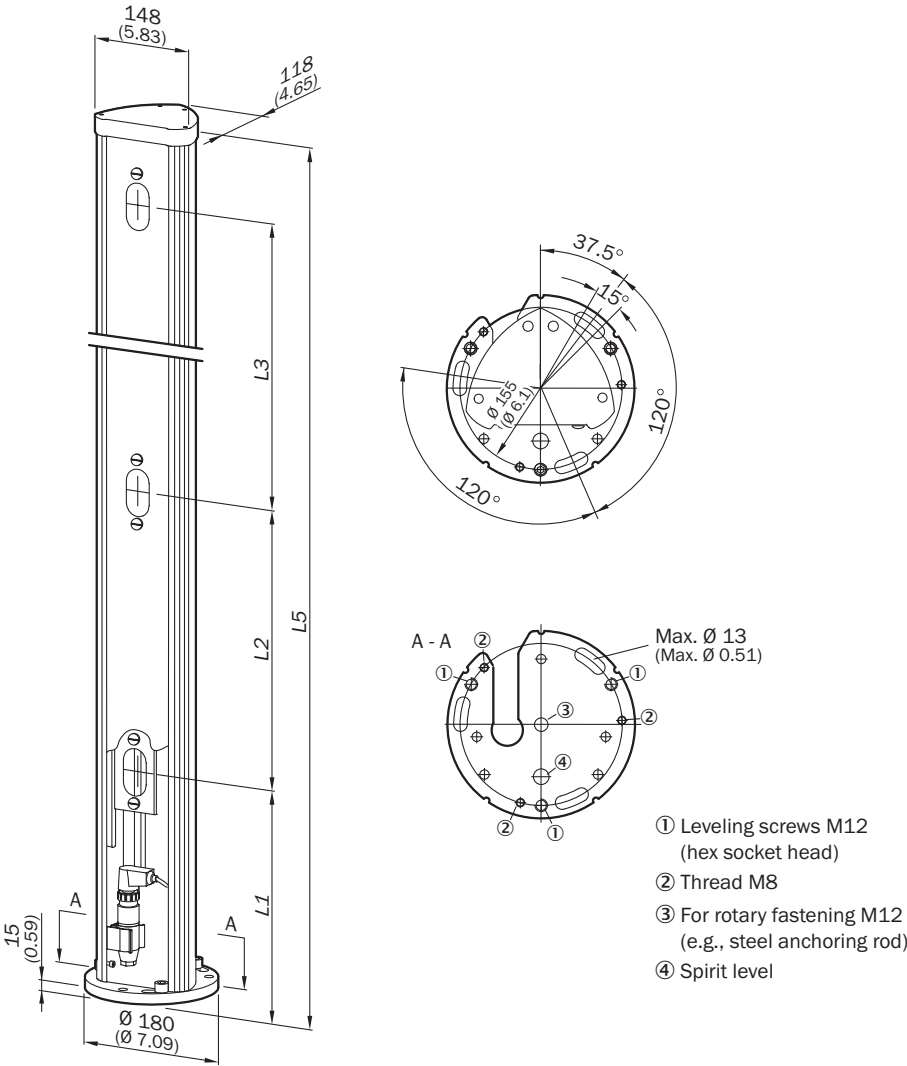
## Certificates

|                                     |   |
|-------------------------------------|---|
| <b>EU declaration of conformity</b> | ✓ |
|-------------------------------------|---|

## Classifications

|                       |          |
|-----------------------|----------|
| <b>ECLASS 5.0</b>     | 27279202 |
| <b>ECLASS 5.1.4</b>   | 27279202 |
| <b>ECLASS 6.0</b>     | 27279202 |
| <b>ECLASS 6.2</b>     | 27279202 |
| <b>ECLASS 7.0</b>     | 27279202 |
| <b>ECLASS 8.0</b>     | 27279202 |
| <b>ECLASS 8.1</b>     | 27279202 |
| <b>ECLASS 9.0</b>     | 27273701 |
| <b>ECLASS 10.0</b>    | 27273701 |
| <b>ECLASS 11.0</b>    | 27273701 |
| <b>ECLASS 12.0</b>    | 27273701 |
| <b>ETIM 5.0</b>       | EC001941 |
| <b>ETIM 6.0</b>       | EC001941 |
| <b>ETIM 7.0</b>       | EC001941 |
| <b>ETIM 8.0</b>       | EC001941 |
| <b>UNSPSC 16.0901</b> | 39111609 |

Dimensional drawing



Dimensions in mm (inch)

| Type      | Part number | Suitable for number of beams | Suitable for beam separation | L1  | L2  | L3  | L5   |
|-----------|-------------|------------------------------|------------------------------|-----|-----|-----|------|
| PUM12-S02 | 2019654     | 2                            | 500                          | 400 | 500 | -   | 1223 |
| PUG12-S02 | 2023707     | 2                            | 500                          | 400 | 500 | -   | 1223 |
| PUM12-S01 | 2020800     | 3                            | 400                          | 300 | 400 | 400 | 1223 |
| PUG12-S01 | 2025441     | 3                            | 400                          | 300 | 400 | 400 | 1223 |

## SICK AT A GLANCE

SICK is one of the leading manufacturers of intelligent sensors and sensor solutions for industrial applications. A unique range of products and services creates the perfect basis for controlling processes securely and efficiently, protecting individuals from accidents and preventing damage to the environment.

We have extensive experience in a wide range of industries and understand their processes and requirements. With intelligent sensors, we can deliver exactly what our customers need. In application centers in Europe, Asia and North America, system solutions are tested and optimized in accordance with customer specifications. All this makes us a reliable supplier and development partner.

Comprehensive services complete our offering: SICK LifeTime Services provide support throughout the machine life cycle and ensure safety and productivity.

For us, that is “Sensor Intelligence.”

## WORLDWIDE PRESENCE:

Contacts and other locations –[www.sick.com](http://www.sick.com)