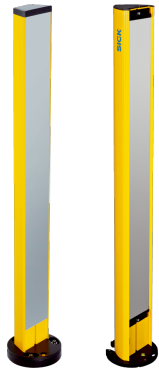


## Mirror columns with protective field height mirror

Smart multi-sided protection of the area around hazardous points

**SICK**  
Sensor Intelligence.



## Technical data overview

<b>Model</b>	PM3 mirror column with protective field height mirror PM4 Mirror Column (depending on type)
<b>Suitable for</b>	Safety light curtains Safety light-beam sensors
<b>Column height</b>	994.5 mm ... 2,419 mm (depending on type)
<b>Material</b>	Aluminum (powder-coating)
<b>Mounting system type</b>	Mechanical anchoring to the floor
<b>Mirror length</b>	802 mm ... 2,213 mm (depending on type)
<b>Mirror width</b>	125 mm

## Product description

Free choice of location ensures safety:

Mirror columns from SICK are used in areas in which multi-sided protection of hazardous points, such as machining centers, is required. The right solution is to combine multiple light beam safety devices or safety light curtains with mirror columns to deflect the light beam. Several sides of a machine can be protected with just one pair of sensors, which reduces wiring effort significantly. It is easy to adjust the deflector mirrors, which are mounted in stable columns. Unimpeded access for feeding operations and tool and program changes is another advantage compared to a mechanical fence and results in higher productivity.

## At a glance

- Free-standing mounting solution
- Compact, rugged design and extremely high stability
- Simple mounting and adjustment
- Large reflector surface for efficient multi-sided protection via beam deflection and high availability
- Mirror columns in various lengths
- With a continuous mirror for safety light curtains and for multiple light beam safety devices with any number of beams

## Your benefits

- Multi-sided protection using deflector mirrors eliminates additional active devices, which reduces cabling effort and costs
- Increased productivity due to unhindered access to the system while maintaining protection

## Fields of application

- Automotive industry
- Machine tool industry
- Handling machines
- Robot stations

## Ordering information

Other models and accessories → [www.sick.com/Mirror\\_columns\\_with\\_protective\\_field\\_height\\_mirror](http://www.sick.com/Mirror_columns_with_protective_field_height_mirror)

- **Description:** PM3 mirror column with fixed mirror for beam deflection., Allows multi-sided access protection.
- **Items supplied:** PM3 mirror column with pre-assembled base plate

Column height	Suitable for deTec safety light curtain	Suitable for C2000, C4000 and M4000 Curtain safety light curtain	Suitable for de-Tem safety light-beam sensor	Suitable for M2000 and M4000 safety light-beam sensor	Type	Part no.
1,281.5 mm	Protective field height ≤ 1,050 mm	Protective field height ≤ 1,050 mm	Any	Any	PM3C13-00030000	1043453
1,569 mm	Protective field height ≤ 1,350 mm	Protective field height ≤ 1,350 mm	Any	Any	PM3C15-00030000	1077525
1,716.5 mm	Protective field height ≤ 1,500 mm	Protective field height ≤ 1,500 mm	Any	Any	PM3C17-00030000	1043454
2,016.5 mm	Protective field height ≤ 1,650 mm	Protective field height ≤ 1,650 mm	Any	Any	PM3C19-00030000	1043455
2,216.5 mm	Protective field height ≤ 1,800 mm	Protective field height ≤ 1,800 mm	Any	Any	PM3C20-00030000	1043456
2,269 mm	Protective field height ≤ 1,950 mm	Protective field height ≤ 1,800 mm	Any	Any	PM3C22-00030000	1093216
2,419 mm	Protective field height ≤ 2,100 mm	Protective field height ≤ 1,800 mm	Any	Any	PM3C24-00030000	1093217

- **Description:** PM4 mirror column with fixed mirror for beam deflection., Allows multi-sided access protection.
- **Items supplied:** PM4 mirror column with pre-assembled alignment plate and removable end cap, Base plate with spirit level, fine alignment wheel and setscrews, M8 screws and washers for mounting the alignment plate on the base plate, Operating instructions for download

Column height	Suitable for deTec safety light curtain	Suitable for de-Tem safety light-beam sensor	Type	Part no.
994.5 mm	Protective field height ≤ 750 mm	2 beams, distance of lowest beam from floor: 400 mm	PM4-A099110000000	1138910
1,094.5 mm	Protective field height ≤ 750 mm	3 beams, distance of lowest beam from floor: 200 mm	PM4-A109110000000	1138911
1,194.5 mm	Protective field height ≤ 900 mm	3 beams, distance of lowest beam from floor: 300 mm 4 beams, distance of lowest beam from floor: 200 mm	PM4-A119110000000	1138912
1,294.5 mm	Protective field height ≤ 1,050 mm	4 beams, distance of lowest beam from floor: 300 mm	PM4-A129110000000	1138913
1,474.5 mm	Protective field height ≤ 1,200 mm	Any	PM4-A147110000000	1138914
1,625.5 mm	Protective field height ≤ 1,350 mm	Any	PM4-A162110000000	1138915
1,774.5 mm	Protective field height ≤ 1,500 mm	Any	PM4-A177110000000	1138916

## Mirror columns with protective field height mirror

Column height	Suitable for deTec safety light curtain	Suitable for deTem safety light-beam sensor	Type	Part no.
1,924.5 mm	Protective field height $\leq$ 1,650 mm	Any	PM4-A192110000000	1138917
2,074.5 mm	Protective field height $\leq$ 1,800 mm	Any	PM4-A207110000000	1138918
2,224.5 mm	Protective field height $\leq$ 1,950 mm	Any	PM4-A222110000000	1138919
2,374.5 mm	Protective field height $\leq$ 2,100 mm	Any	PM4-A237110000000	1138920

## 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)