



## Mirror columns with separate mirrors

Smart multi-sided protection of the area around hazardous points

**SICK**  
Sensor Intelligence.



## Technical data overview

<b>Model</b>	Mirror columns with adjustable individual mirrors
<b>Suitable for</b>	Safety multibeam sensors
<b>Suitable for number of beams</b>	2 / 3 / 4 (depending on type)
<b>Suitable for beam separation</b>	300 mm ... 600 mm (depending on type)
<b>Mirror length</b>	90 mm
<b>Mirror width</b>	100 mm
<b>Column height</b>	985 mm / 1,185 mm / 1,285 mm (depending on type)

## Product description

Free choice of space for the safety: Mirror columns from SICK are used in applications where protection of hazardous points, e.g. machining centers, on several sides is required. The combination of multiple light beam safety devices with mirror columns used for beam deflection is the right solution here. Since multiple sides of a machine can be protected with a single pair of sensors devices, the overall wiring is reduced. The deflector mirrors can be easily adjusted in the rugged columns. Unhindered access for loading and changing tools and programs is a further advantage of using deflector mirrors over mechanical fencing and leads to increased productivity.

## At a glance

- Free-standing mounting solution
- Compact, rugged design and extremely high stability
- Easy mounting and adjustment
- Large reflector surface for efficient multi-sided protection via beam deflection and high availability
- Mirror columns in various lengths
- With individual mirrors for multiple light beam safety devices

## 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
- Separate adjustable mirrors simplify commissioning

## Fields of application

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

## Ordering information

Other models and accessories → [www.sick.com/Mirror\\_columns\\_with\\_separate\\_mirrors](http://www.sick.com/Mirror_columns_with_separate_mirrors)

- **Model:** Mirror columns with adjustable individual mirrors
- **Suitable for:** Safety multibeam sensors

Suitable for number of beams	Suitable for beam separation	Column height	Height of first beam above ground	Type of diversion	Type	Part no.
2	500 mm	-	400 mm	Vertical	PM2Z96-30240020	1027265
		985 mm	400 mm	Horizontal	PM3S96-00240020	1040619
				Vertical	PM3Z96-00240020	1041917
	600 mm	985 mm	300 mm	Horizontal	PM3S96-00230060	1040620
3	400 mm	1,185 mm	300 mm	Horizontal	PM3S11-00330030	1040625
	450 mm	1,285 mm	300 mm	Horizontal	PM3S13-00330050	1040624
4	300 mm	1,285 mm	300 mm	Horizontal	PM3S13-00430040	1040626

## 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)