

PM 4 / PM 4V

Passive Deflection Mirror for 4-beam light grids



Passive Deflection Mirror for 4-beam light grids

The PM 4-300 and PM 4-300V are each designed for use as the deflecting mirror unit for ROBUST safety light grids RRT 44 and RRT 24. The integrated, optically aligned mirror system ensures simple mounting and alignment, substantially decreasing the start-up time as compared with single mirrors. Used in combination with ROBUST light grids,

PM 4-300 is suited for sensing zone widths of up to 4 m. The integrated mirror system is able to tolerate deviations in vertical alignment.

With its expanded mirror system, the **PM 4-300V** used in combination with ROBUST light grids can handle sensing zone widths of up to 8 m. The V-mirror system tolerates not only vertical but also axial deviations in alignment.

Advantages

- Easy alignment due to integrated, optically aligned mirror system
- Ranges of up to 2,5 m (PM 4-300) or 8 m (PM 4-300V)
- Enclosed profile housing prevents contamination of and damage to the mirrors
- Adjustable M6 sliding brackets for fast and easy mounting
- PM 4-300 tolerates vertical deviations in alignment
- PM 4-300V tolerates both vertical and axial deviations in alignment

Areas of application

In combination with 4-beam light grids ROBUST RRT 24 and RRT 44 for safeguarding danger zones around automated production cells and for safeguarding access to industrial robots.

PM 4 / PM 4V

Dimensional Drawings

