

## PM 2-500 / PM 2-500V

### Passive Deflection Mirror for 2-beam light grids



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The PM 2-500 and PM 2-500V are each designed for use as the deflecting mirror unit for ROBUST safety light grids RRT 42, RRT 22 and the COMPACT*plus* Muting Transceiver CPRT-m. 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 2-500** 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 2-500V** used in combination with ROBUST light grids can handle sensing zone widths of up to 8 m. The maximum operating range together with CPRT-m amounts to 6.5 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 2-500) or 8 m (PM 2-500V)
- Enclosed profile housing prevents contamination of and damage to the mirrors
- Adjustable M6 sliding brackets for fast and easy mounting
- PM 2-500 tolerates vertical deviations in alignment
- PM 2-500V tolerates both vertical and axial deviations in alignment

### Areas of application

In combination with the 2-beam light grids ROBUST RRT 22, RRT 22.1, RRT 22.2, RRT 42 and COMPACT*plus* Muting Transceiver CPRT-m for safeguarding access as well as for safeguarding danger zones, e.g. at palletizing systems and in warehouse and conveyor technology.

**PM 2-500 / PM 2-500V**  
Dimensional Drawings

