



Multifunctional light curtain

Micro MF product family

The Micro MF light curtain is designed to monitor the dangerous area between automatic gates or personnel sluices. The Micro MF requires no external controller because all control circuits, electronics and optics are fully integrated into the emitter and receiver edges. The compact and robust design of the edges with a cross-section of only 12 x 16 mm makes it easy to integrate in any kind of gate or sluice. The Micro MF is the ideal light curtain for static and dynamic applications. The system

includes a short-circuit-proof semiconductor output. Additionally, the Micro MF offers a telemonitoring status output (TMS). Using this output, the number of blanked elements can be determined by the supervising control unit. The position of individual elements can be specified to the millimeter, according to the customers requirements.

Micro MF - The multifunctional solution!

Application areas:

- Office buildings
- Shopping centers
- Public buildings
- Metro, subway or underground trains
- Airports
- Personnel sluices
- and many more

... for monitoring and securing various areas

At a glance

- For all kinds of door and gate applications
- Ideal for OEM applications
- Simple and quick to install thanks to the universal mounting kit
- Plug-and-Play system
- Integrated controller
- Short-circuit-proof semiconductor output (Push-Pull)
- LED indicator integrated into the edge
- High EMC immunity
- Telemonitoring status output (TMS)
- Test input for increased safety
- Criss-cross beams

The infrared beams of emitters and receivers create a dense light barrier available with up to 94 light beams. If all light beams are uninterrupted, an output signal indicates to the door or gate drive that it is safe to close. If one or more light beams are interrupted, the Micro MF switches the output signal.

Micro MF is available in different versions, such as different length, different numbers of elements, etc. Depending on your application, you can install the perfect solution that fits your needs.



Micro MF with its integrated controller and its LED indicator

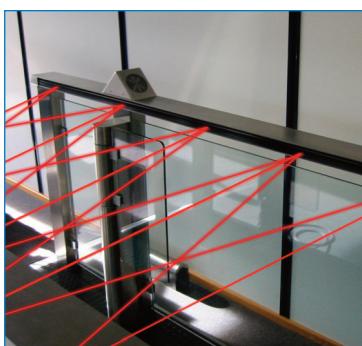
Application examples



Train station application



A sluice in an office building



A sluice with Micro MF integrated into the handrail



Micro MF is virtually invisible on automatic doors