

WTF, WTHF WATERTIGHT ENCLOSURES

Watertight enclosures allow light curtains and grids to be used in harsh working environments with exposure to water and steam.

Thanks to its inert (non-toxic) components, no residuals are left when the light curtains are washed down or when they come directly in contact with food. This makes WTF and WTHF enclosures suitable for the Food & Beverage industry.

The small EOS WTF and WTHF cylindrical enclosures (only 56mm diameter) is IP 69K protection rate tested and can withstand up to 80 bar of water jets pressure at the temperature of 80 °C.

WTHF version (Heating) has a thermostatically-controlled heating system and can work down to -20° C.

Enclosure incorporates a valve to drain humidity and avoid condensation.

Available models:

EOS4 X with IP 69K WTF/WTHF ENCLOSURE

- protected height 160 to 1510 mm and 2-3-4 beams
- resolution 14 mm, max range 5 m
- resolution 30 mm and 2-3-4 beams, max range 17 m

EOS2 X with IP 69K WTF/WTHF ENCLOSURE

- protected height 160 to 1510 mm and 2-3-4 beams
- resolution 30 mm 2-3-4 beams, max range 10 m

ADMIRAL/VISION with IP 67 WT/WTH ENCLOSURE (non food)

- Resolution 30 mm, protected height 1660 mm and 1810 mm, max range 15 m
- 2 – 3 – 4 beams, long range up to 50 m
- 2 – 3 beams long range with Dual Beam Technology (see page 5)

The safety light curtain/grid is delivered already enclosed into its watertight tube with a 10 meters long prewired cable in order to guarantee the light curtain/grid's technical features.

Fastening brackets are included.



NEW IP69K

ACCESSORIES

FMC Floor mounting columns

Support columns for photoelectric light curtains and deflection mirrors.

- Steel base CBL (single plate) and CB (double plate) with angular and vertical axis adjustment
- Extruded aluminum column
- Integrated spirit level for monitoring vertical positioning
- Models available with pre-installed deflection mirrors ideal for perimeter protection of up to 4 sides.

FMC-SB Floor mounting columns with adjustable mirrors [NEW PRODUCT]

Models available with pre-installed and independent adjustable deflection mirrors for safety light grids with 2, 3 and 4 beams.

FMC-B12 Floor mounting columns

Permits the use with light grids with integrated Muting sensors (Janus MT and ML and Vision MXL L and MXL T).



ACCESSORIES

SP Deflection mirrors

Ideal for perimeter protection of up to 4 sides.
Angular adjustment by means of the included brackets.

**LAD Optical alignment laser**

LAD devices emit a visible red light laser beam with working range of up to 100 m.
Their use is recommended for alignment of long-range photoelectric light grids or light curtains especially if used in conjunction with deflection mirrors.

Models:

- LAD 2 for Admiral, Vision and Metron light curtains
- LAD 3 for Janus light grids
- LAD 4 for EOS light curtains.

**SAV Vibration dampers**

SAV vibration dampers are used to dampen vibrations generated by some types of machinery in order to avoid possible damage to the light curtains.

Models:

- SAV 1 and SAV 2 for Janus light curtains
- SAV 3 and SAV 4 for Admiral, Vision and Metron light curtains
- SAV 4E, SAV 8E e SAV 12E for EOS light curtains.

**SFB Swivel brackets for light curtains**

The swivel brackets are recommended for the alignment of EOS, Admiral, Vision and Metron light curtains.

They allow light curtain rotation about its longitudinal axis and adjustment of vertical and horizontal positions.

