

Order Code: 1110676

Access Control Safety Light Curtain with Heated Watertight Enclosure. IP69K/Ecolab Certified. Automatic/Manual Restart and EDM. Extended Range. Prewired with 10 m Lead Cable



Safety level Type 4 - PL e

Protected height (mm) 810

Resolution (mm) Multi-beams

Max. range (m) 17

Restart Built-in - User selectable automatic or manual

Functioning system Emitter / Receiver

Technical Description

Type 4, SIL 3, SILCL 3, PL e, Cat. 4

Watertight enclosures allow Safety Light Curtains to be used in harsh working environments with exposure to water jets and steam

The use of inert and non-toxic components allow WTF and WTHF enclosures to be used in the Food & Beverage industry, where frequent wash down procedures are required

Integrated anti-condensation system

Hardware configuration: no programming necessary, easy to install and replace What's in the Box: Emitter, Receiver, Standard Fastening Brackets, Pre-Wired Conn

on Cable

EOS4 3B XH WTHF

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EXAMPLE R Your future's safe!

Features

| Safety level | Type 4 - PL e |
|------------------------------------|--|
| | |
| Protected height (mm) | 810 |
| Resolution (mm) | Multi-beams |
| Max. range (m) | 17 |
| Restart | Built-in - User selectable automatic or manual |
| Functioning system | Emitter / Receiver |
| Safety level (SIL / PL) | Type 4 - SIL 3 - SILCL 3 - PL e - Cat. 4 |
| Operating temperature (°C) | - 25 50 |
| Response time (ms) | 2,5 |
| Number of beams | 3 |
| Max. length of the connection | 100 |
| cables (m) | |
| Signalling | LEDs for light curtain's status and diagnostics |
| Safety output type | 2 fail-safe PNP (400 mA at 24 VDC) with protection against |
| | short circuit, overload and reverse polarity |
| MTTFD (ISO13849) years | 100 |
| PFHD (IEC 61508) | 9,15E-09 |
| Materials suitable for food | Yes |
| applications | |
| Light curtain technical data | Refer to EOS4 XH models table |
| | |
| Safety outputs | 2 OSSD PNP (400 mA at 24 VDC) |
| Safety outputs Safety functions | 2 OSSD PNP (400 mA at 24 VDC) Integrated |
| | |

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EXAMPLE R Your future's safe!

| Detection | Access control |
|----------------------------|---------------------|
| Protective enclosures | Food industry IP69K |
| Packaging dimensions HxLxW | 145 x 1200 x 200 |
| (mm) | |
| Product class | C |
| Custom tariff | 85365019 |

Electrical data

| Power supply (VDC) $24 \pm 20\%$ | |
|----------------------------------|--|
|----------------------------------|--|

Mechanical data

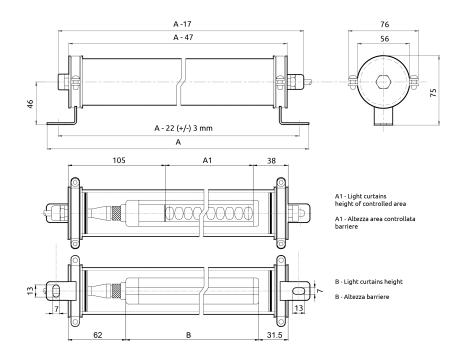
| Overall height (mm) | 1077 |
|---------------------------|-----------------------------------|
| Degree of protection | IP69K |
| Fastening | Set of 4 ring brackets (included) |
| Max. water pressure (bar) | 80100 |
| Gross weight (g) | 5876,89 |

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Technical drawings

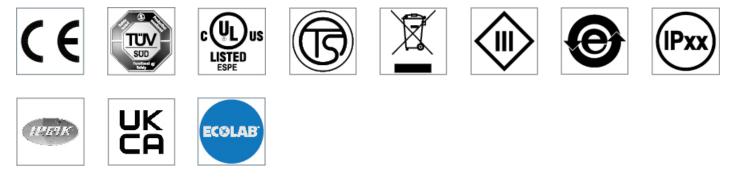


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Certificates



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