

## SAFETY LIGHT CURTAINS

### EOS4 3B X

Built-in, selectable manual/automatic Start/Restart Built-in feedback input for external relays monitoring (EDM). Muting function through external AD SRM interface, Mosaic or Safety PLC.

#### Certifications:



#### Technical data:

|                                          |                                                                                               |
|------------------------------------------|-----------------------------------------------------------------------------------------------|
| Family                                   | EOS4                                                                                          |
| Code                                     | 1310611                                                                                       |
| Safety level (SIL / PL)                  | Type 4 - SIL 3 - SILCL 3 - PL e - Cat. 4                                                      |
| Height of controlled area (mm)           | 890                                                                                           |
| Detection                                | Access control                                                                                |
| Height of protected area (mm)            | 810                                                                                           |
| Number of beams                          | 3                                                                                             |
| Max. length of the connection cables (m) | 100                                                                                           |
| Connections                              | M12 5-pole connector (emitter), M12 8-pole connector (receiver)                               |
| Power supply (VDC)                       | 24 ± 20%                                                                                      |
| Operating Range (m)                      | 4 or 12 selectable                                                                            |
| Response time (ms)                       | 3                                                                                             |
| Safety outputs                           | 2 PNP - 400 mA at 24 VDC with protection against short circuit, overload and reverse polarity |
| Signalling                               | LEDs for light curtains status and diagnostic                                                 |
| Safety functions                         | Integrated                                                                                    |
| Muting Function                          | With external modules                                                                         |
| Blanking function                        | No                                                                                            |
| system MTTFd (ISO 13849-1) years         | 560,5                                                                                         |
| PFHd (IEC 61508)                         | 8,85E-09                                                                                      |
| CCF (ISO 13849-1)                        | 80%                                                                                           |
| Degree of protection                     | IP 65 - IP 67                                                                                 |
| Operating temperature (°C)               | From -30 to 55                                                                                |
| Cross section dimensions (mm)            | 28 x 30                                                                                       |
| Overall height (mm)                      | 953                                                                                           |
| Fixing modes                             | Back                                                                                          |
| Packaging dimensions W x H x L (mm)      | 195 x 135 x 1000                                                                              |
| Gross weight (Kg)                        | 3,4                                                                                           |
| Enclosures                               | None                                                                                          |
| Master Slave Models                      | no                                                                                            |

**Accessories:**

[CABLES CD 5](#)  
[CABLES CD 10](#)  
[CABLES CD 15](#)  
[CABLES CD 20](#)  
[CABLES CD 25](#)  
[CABLES CD 50](#)  
[CABLES CD 95](#)  
[CABLES CD 910](#)  
[CABLES CD 915](#)  
[CABLES C8D 5](#)  
[CABLES C8D 10](#)  
[CABLES C8D 15](#)  
[CABLES C8D 25](#)  
[CABLES C8D 40](#)  
[CABLES C8D 95](#)  
[CABLES C8B 910](#)  
[CABLES C8D 915](#)  
[CABLES CDM 9](#)  
[CABLES CDM 99](#)  
[CABLES C8DM 11](#)  
[CABLES C8DM 911](#)  
[FMC S3](#)  
[FMC SB3](#)  
[FMC EB4](#)  
[FMC EB4R](#)  
[LASER ALIGNMENT LAD 4](#)  
[ACCESSORIES PSE 3B](#)  
[ACCESSORIES SFS E](#)  
[ACCESSORIES BRACKETS SFB 4E](#)  
[ACCESSORIES BRACKETS SFB E 180](#)  
[ACCESSORIES BRACKETS FE 4](#)  
[ACCESSORIES BRACKETS SFB FAST 4E](#)

**Related products:**

[MOSAIC M1](#)  
[MOSAIC MR2](#)  
[AD SRM Type 4 interface with Muting function](#)  
[Safety relay modules AD SR0 - For devices with integrated EDM](#)  
[Safety relay modules AD SR0A - For devices with integrated EDM](#)

**See technical drawing in the next page.**

Technical drawing:

A1 = 890 mm

A = 953 mm

