

SAFETY LIGHT CURTAINS

EOS4 1053 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 | 1310216 |
| Safety level (SIL / PL) | Type 4 - SIL 3 - SILCL 3 - PL e - Cat. 4 |
| Height of controlled area (mm) | 1050 |
| Detection | Hand |
| Height of protected area (mm) | 1060 |
| Resolution (mm) | 30 |
| Number of beams | 53 |
| Power supply (VDC) | 24 ± 20% |
| Operating Range (m) | 4 or 12 selectable |
| Max. length of the connection cables (m) | 100 |
| Connections | M12 5-pole connector (emitter), M12 8-pole connector (receiver) |
| Response time (ms) | 14 |
| 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 | 190,20 |
| PFHd (IEC 61508) | 1,56E-08 |
| 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) | 1113 |
| Fixing modes | Back |
| Master Slave Models | no |
| Enclosures | None |
| Packaging dimensions W x H x L (mm) | 195 x 135 x 1150 |
| Gross weight (Kg) | 3,8 |

Retro-reflector passive element

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 S1700](#)
[FMC EB4](#)
[FMC EB4R](#)
[LASER ALIGNMENT LAD 4](#)
[ACCESSORIES SAV-8E](#)
[ACCESSORIES PSE 1050](#)
[ACCESSORIES SFS E](#)
[ACCESSORIES BRACKETS SFB 4E](#)
[ACCESSORIES BRACKETS SFB E 180](#)
[ACCESSORIES BRACKETS FE 4](#)
[ACCESSORIES BRACKETS SFB FAST 4E](#)
[ACCESSORIES TR 30](#)
[ACCESSORIES SP 1100 S](#)

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 = 1050 mm
A = 1113 mm

