

SAFETY LIGHT CURTAINS

EOS4 4B 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	1310612
Safety level (SIL / PL)	Type 4 - SIL 3 - SILCL 3 - PL e - Cat. 4
Height of protected area (mm)	910
Height of controlled area (mm)	990
Detection	Access control
Number of beams	4
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	520,4
PFHd (IEC 61508)	9,51E-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)	1053
Fixing modes	Back
Packaging dimensions W x H x L (mm)	195 x 135 x 1090
Gross weight (Kg)	3,7
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 SB4](#)
[FMC EB4](#)
[FMC EB4R](#)
[LASER ALIGNMENT LAD 4](#)
[ACCESSORIES PSE 4B](#)
[ACCESSORIES SFS E](#)
[ACCESSORIES BRACKETS SFB 4E](#)
[ACCESSORIES BRACKETS SFB E 180](#)
[ACCESSORIES BRACKETS FE 4](#)
[ACCESSORIES BRACKETS SFB FAST 4E](#)
[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 = 990 mm

A = 1053 mm

