

SAFETY LIGHT CURTAINS

EOS4 253 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	1311200
Safety level (SIL / PL)	Type 4 - SIL 3 - SILCL 3 - PL e - Cat. 4
Detection	Hand
Height of protected area (mm)	260
Height of controlled area (mm)	250
Resolution (mm)	30
Number of beams	13
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)
Power supply (VDC)	24 ± 20%
Response time (ms)	5
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
CCF (ISO 13849-1)	80%
system MTTFd (ISO 13849-1) years	419,90
PFHd (IEC 61508)	9,37E-09
Degree of protection	IP 65 - IP 67
Operating temperature (°C)	From -30 to 55
Cross section dimensions (mm)	28 x 30
Overall height (mm)	313
Fixing modes	Back
Master Slave Models	no
Enclosures	None
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](#)
[LASER ALIGNMENT LAD 4](#)
[ACCESSORIES SAV-8E](#)
[ACCESSORIES SFS E](#)
[ACCESSORIES BRACKETS SFB 4E](#)
[ACCESSORIES BRACKETS SFB E 180](#)
[ACCESSORIES BRACKETS FE 4](#)
[ACCESSORIES BRACKETS SFB FAST 4E](#)
[ACCESSORIES TR 30](#)

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 = 250 mm
A = 313 mm

