

## SAFETY LIGHT CURTAINS

### EOS2 1209 X

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



#### Certifications:



#### Technical data:

Family	EOS2
Code	1320517
Safety level (SIL / PL)	Type 2 - SIL 1 - SILCL 1 - PL c - Cat.2
Height of controlled area (mm)	1200
Detection	Body
Height of protected area (mm)	1210
Resolution (mm)	90
Number of beams	16
Operating Range (m)	4 or 12 selectable
Max. length of the connection cables (m)	100 (50 between Master and Slave)
Connections	M12 5-pole connector (emitter), M12 8-pole connector (receiver)
Power supply (VDC)	24 ± 20%
Response time (ms)	6
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	327,3
PFHd (IEC 61508)	3,18E-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)	1263
Fixing modes	Back
Packaging dimensions W x H x L (mm)	195 x 135 x 1300
Gross weight (Kg)	4,7
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 S2000](#)  
[FMC EB1700](#)  
[FMC EB1700R](#)  
[LASER ALIGNMENT LAD 4](#)  
[ACCESSORIES SAV-12E](#)  
[ACCESSORIES PSE 1200](#)  
[ACCESSORIES SFS E](#)  
[ACCESSORIES BRACKETS SFB 6E](#)  
[ACCESSORIES BRACKETS SFB E 180](#)  
[ACCESSORIES BRACKETS FE 4](#)  
[ACCESSORIES BRACKETS SFB FAST 4E](#)  
[ACCESSORIES SP 1200 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 = 1200 mm  
A = 1263 mm

