

## SAFETY LIGHT CURTAINS

### EOS2 905 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	1320415
Safety level (SIL / PL)	Type 2 - SIL 1 - SILCL 1 - PL c - Cat.2
Height of controlled area (mm)	900
Detection	Presence of the body in a dangerous area
Height of protected area (mm)	910
Resolution (mm)	50
Number of beams	24
Max. length of the connection cables (m)	100 (50 between Master and Slave)
Connections	5/8 poles M12 connectors
Power supply (VDC)	24 +/- 20%
Operating Range (m)	4 or 12 selectable
Response time (ms)	8
Safety outputs	2 PNP - 400mA at 24 VDC with protection against short circuit, overload and reverse polarity
Signalling	LEDs for light curtains status and diagnostic
Safety functions Start / Restart and EDM	Built-in
Muting Function	With external modules
Blanking function	No
MTTFd (ISO 13849-1) years	294,3
PFHd (IEC 61508)	3,58E-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)	963
Fixing modes	Back
Packaging dimensions WxHxL (mm)	195x135x1000
Gross weight (Kg)	3,4
Protective enclosures	no
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 CDM 9](#)  
[CABLES CDM 99](#)  
[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 C8DM 11](#)  
[CABLES C8DM 911](#)  
[FMC S1700 COLUMN WITH MIRROR](#)  
[FMC EB4 FLOOR SUPPORT COLUMN](#)  
[FMC EB4R FLOOR SUPPORT COLUMN](#)  
[LASER ALIGNEMENT LAD 4](#)  
[ACCESSORIES VIBRATION DAMPERS SAV-8E](#)  
[ACCESSORIES PSE 900 PROTECTIVE SCREEN](#)  
[ACCESSORIES SFS E - SET OF STAINLESS STEEL CLAMP](#)  
[ACCESSORIES BRAKETS SFB 4E](#)  
[ACCESSORIES BRAKET SFB E 180](#)  
[ACCESSORIES FE 4 BRAKETS](#)  
[ACCESSORIES TR 50 TEST ROD](#)  
[ACCESSORIES SP 900 S - DEFLECTION MIRROR](#)

## Related products:

[MOSAIC M1](#)  
[MOSAIC MR2](#)  
[AD SRM Type 4 interface with muting for light curtains](#)  
[Safety relay modules for devices with integrated feedback input for EDM - AD SR0](#)  
[Safety relay modules for devices with integrated feedback input for EDM - AD SR0A](#)

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

Technical drawing:

A1 = 900 mm

A = 963 mm

