REER Your future's safe!

EOS2 905 XS

Order Code: 1320435

Body Detection Safety Light Curtain for Cascading Connection with Automatic/Manual Restart and EDM (Primary Slave)



Safety level

Type 2 - PL c

Protected height (mm)

910

Resolution (mm)

50

Max. range (m)

12

Restart

Built-in - User selectable automatic or manual

Functioning system

Emitter / Receiver

Master Slave Models Ves

Technical Description

Compact Safety Light Curtain: Type 2, SIL 1, SILCL 1, PL c, Cat. 2

Cross Section: 28 x 30 mm No blind area on one side

Hardware configuration: no programming necessary, easy to install and replace

Connection and configuration through M12 connectors

Unshielded cables up to 100 m can be used to connect the Safety Light Curtain

What's in the Box: Emitter, Receiver and Standard Fastening Brackets

EOS2 905 XS



Features

| Safety level | Type 2 - PL c |
|-------------------------------|--|
| Protected height (mm) | 910 |
| Resolution (mm) | 50 |
| Controlled height (mm) | 900 |
| Max. range (m) | 12 |
| Restart | Built-in - User selectable automatic or manual |
| Functioning system | Emitter / Receiver |
| Master Slave Models | yes |
| Safety level (SIL / PL) | Type 2 - SIL 1 - SILCL 1 - PL c - Cat. 2 |
| Operating temperature (°C) | - 30 55 |
| Response time (ms) | See technical manual |
| Number of beams | 24 |
| Max. length of the connection | 100 (50 between Master and Slave) |
| cables (m) | |
| Signalling | LEDs for light curtain's status and diagnostics |
| Safety output type | 2 fail-safe PNP (400 mA at 24 VDC) with protection against |
| | short circuit, overload and reverse polarity |
| Connections | M12 5-pole connectors |
| MTTFD (ISO13849) years | 294,3 |
| PFHD (IEC 61508) | 3,58E-08 |
| Safety outputs | 2 OSSD PNP (400 mA at 24 VDC) |
| Safety functions | Integrated |
| Detection | Body |
| | |



Protective enclosures None

Packaging dimensions HxLxW 0 x 0 x 0

(mm)

Product class C

Custom tariff 85365019

Electrical data

Power supply (VDC) $24 \pm 20\%$

Mechanical data

Overall height (mm) 963

Cross section dimensions (mm) 28 x 30

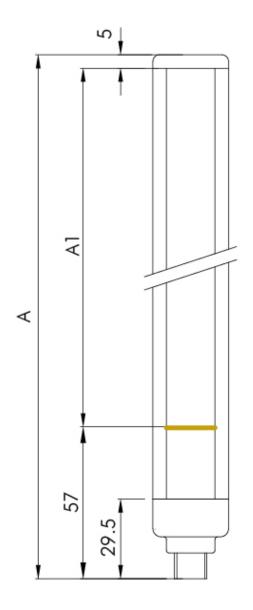
Degree of protection IP65 - IP67

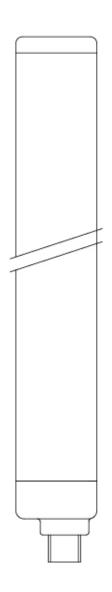
Fastening Back slot with set of LE type brackets (included) or to the top

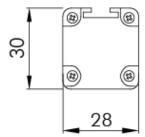
and lower end with swivel brackets SFB E (optional)



Technical drawings









Certificates















