

EOS4 909 X

Order Code: 1310515

Body Detection Safety Light Curtain with Automatic/Manual Restart and EDM



Safety level

Type 4 - PL e

Protected height (mm)

910

Resolution (mm)

90

Max. range (m)

12

Restart

Built-in - User selectable automatic or manual

Functioning system

Emitter / Receiver

Technical Description

Compact Safety Light Curtain: Type 4, SIL 3, SILCL 3, PL e, Cat. 4

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

Features

| | |
|---|---|
| Safety level | Type 4 - PL e |
| Protected height (mm) | 910 |
| Resolution (mm) | 90 |
| Controlled height (mm) | 900 |
| Max. range (m) | 12 |
| Restart | Built-in - User selectable automatic or manual |
| Functioning system | Emitter / Receiver |
| Safety level (SIL / PL) | Type 4 - SIL 3 - SILCL 3 - PL e - Cat. 4 |
| Operating temperature (°C) | - 30 ... 55 |
| Response time (ms) | 5 |
| Number of beams | 12 |
| Max. length of the connection cables (m) | 100 |
| 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 connector (emitter), M12 8-pole connector (receiver) |
| MTTFD (ISO13849) years | 394,5 |
| PFHD (IEC 61508) | 1,01E-08 |
| Safety outputs | 2 OSSD PNP (400 mA at 24 VDC) |
| Safety functions | Integrated |
| Detection | Body |

| | |
|------------------------------------|------------------|
| Protective enclosures | None |
| Packaging dimensions HxLxW (mm) | 145 x 1020 x 200 |

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|---------------|----------|
| Product class | C |
| Custom tariff | 85365019 |

Electrical data

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|--------------------|----------|
| Power supply (VDC) | 24 ± 20% |
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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) |
| Gross weight (g) | 3207,76 |

Technical drawings



Certificates

