

EOS2 305 A

Order Code: 1320401

Body Detection Safety Light Curtain with Automatic Restart



Safety level

Type 2 - PL c

Protected height (mm)

310

Resolution (mm)

50

Max. range (m)

12

Restart

Automatic

Functioning system

Emitter / Receiver

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

Features

| | |
|---|---|
| Safety level | Type 2 - PL c |
| Protected height (mm) | 310 |
| Resolution (mm) | 50 |
| Controlled height (mm) | 300 |
| Max. range (m) | 12 |
| Restart | Automatic |
| Functioning system | Emitter / Receiver |
| Safety level (SIL / PL) | Type 2 - SIL 1 - SILCL 1 - PL c - Cat. 2 |
| Operating temperature (°C) | - 30 ... 55 |
| Response time (ms) | 4,5 |
| Number of beams | 8 |
| Max. length of the connection cables (m) | 100 (50 between Master and Slave) |
| 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 | 468,4 |
| PFHD (IEC 61508) | 2,13E-08 |
| Safety outputs | 2 OSSD PNP (400 mA at 24 VDC) |
| Safety functions | With external module |
| Detection | Body |
| Protective enclosures | None |

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Packaging dimensions HxLxW 145 x 390 x 200

(mm)

Product class C

Custom tariff 85365019

Electrical data

Power supply (VDC) 24 ± 20%

Mechanical data

Overall height (mm) 363

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) 1464,46

Technical drawings



Certificates

