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EOS2 2105 X
Order Code: **1320773**

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

Safety level

Type 2 - PL c

Protected height (mm)

2110

Resolution (mm)

50

Max. range (m)

12

Restart

Built-in - User selectable automatic or manual

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

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Features

Safety level	Type 2 - PL c
Protected height (mm)	2110
Resolution (mm)	50
Controlled height (mm)	2100
Max. range (m)	12
Restart	Built-in - User selectable automatic or manual
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)	15
Number of beams	56
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 connector (emitter), M12 8-pole connector (receiver)
MTTFD (ISO13849) years	168,8
PFHD (IEC 61508)	6,46E-08
Safety outputs	2 OSSD PNP (400 mA at 24 VDC)
Safety functions	Integrated
Detection	Body

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Protective enclosures	None
Packaging dimensions HxLxW (mm)	0 x 0 x 0
Product class	C
Custom tariff	85365019

Electrical data

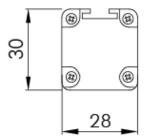| Power supply (VDC)	24 ± 20%

Mechanical data

Overall height (mm)	2163
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)

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Certificates