



SSP

Safety System Products

EOS4 153 A

Safety light curtain for hand detection with automatic restart

Your advantages

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we simplify safety

EOS4 153 A

General data

Type designation	EOS4 153 A
Item number	SP-R-13-102-00
Functional type	Safety light curtain for hand detection with automatic restart
Number of beams	8
Signalling	LEDs for status and diagnostics of the light curtain
Detection	Hand

Safety data

SIL (acc. IEC 62061)	Type 4 - SIL 3 - SILCL 3 - PL e - Cat. 4
MTTFd (ISO 13849-1) years	516.1
PFHd (EN ISO 13849)	8.39E-09
Approvals	CE; TÜV SUD; UL Listed ESPE; S Mark - Korea; TS - Taiwan; WEEE; Insulation Class; Low Voltage; China RoHs; IP65 - IP67; IP69K; UKCA
Performance Level (EN ISO 13849-1: 2015)	Type 4 - PL e
Safety functions	With external module

Environmental conditions

Protective covers	None
Max. operating temperature	- 30 ... 55 °C
Protection class	IP65 - IP67

Electrical data

Response times	4
Safety output type	2 fail-safe PNP (400 mA at 24 VDC) with protection against short circuit, overload and polarity reversal
Safety outputs	2 OSSD PNP (400 mA at 24 VDC)

Mechanical data

Protected height (mm)	160
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Resolution (mm)	30
Controlled height (mm)	150
Max. Range (m)	12
Restart	Automatic
Total height (mm)	213
Cross-sectional dimensions (mm)	28 x 30
Mounting	Rear slot with a set of LE brackets (included in the scope of delivery) or at the top and bottom with SFB E swivel brackets (optional)
Max. Length of connection cable (m)	100
Connections	M12 5-pin connectors
Packaging dimensions HxLxW (mm)	145 x 240 x 200
Gross weight (g)	1111.96

Equipment

Accessories

M12-female connector, 5 pin, 10 m	CD10	SP-R-13-309-56	
M12-female connector, 5 pin, 15 m	CD15	SP-R-13-309-52	
M12-female connector, 5 pin, 20 m	CD20	SP-R-13-309-57	
M12-female connector, 5 pin, 25 m	CD25	SP-R-13-309-49	

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M12-female connector, 5 pin, 5 m

CD5

SP-R-13-309-50



M12-female connector, 5 pin, 50 m

CD50

SP-R-13-309-65



Downloads

- EOS4 153 A