



SSP

Safety System Products

EOS4 151 A

Safety light curtain for finger recognition with automatic restart

Your advantages

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we simplify safety

EOS4 151 A

General data

Item number	SP-R-13-100-00
Type designation	EOS4 151 A
Functional type	Safety light curtain for finger recognition with automatic restart
Number of beams	15
Signalling	LEDs for status and diagnostics of the light curtain
Detection	Finger

Safety data

MTTFd (ISO 13849-1) years	529.1
SIL (acc. IEC 62061)	Type 4 - SIL 3 - SILCL 3 - PL e - Cat. 4
PFHd (EN ISO 13849)	1.11E-08
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

Max. operating temperature	- 20 ... 55 °C
Protective covers	None
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

Resolution (mm)	14
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Protected height (mm)	160
Controlled height (mm)	150
Max. Range (m)	6
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