



SSP

Safety System Products

EOS2 2254 A

Safety light curtain for hand detection with automatic restart

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EOS2 2254 A

General data

Item number	SP-R-13-207-25
Type designation	EOS2 2254 A
Functional type	Safety light curtain for hand detection with automatic restart
Number of beams	76
Signalling	LEDs for status and diagnostics of the light curtain
Detection	Hand

Safety data

MTTFd (ISO 13849-1) years	133.6
SIL (acc. IEC 62061)	Typ 2 - SIL 1 - SILCL 1 - PL c - Cat. 2
PFHd (EN ISO 13849)	8.24E-08
Approvals	CE; TÜV SUD; UL Listed ESPE; TS - Taiwan; WEEE, insulation class low voltage; China RoHs; IP65 - IP67; UKCA
Performance Level (EN ISO 13849-1: 2015)	Typ 2 - PL c
Safety functions	With external module

Environmental conditions

Max. operating temperature	- 30 ... 55 °C
Protective covers	None

Electrical data

Max. voltage (VDC)	24 ± 20%
Response times	19
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)	2260
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EOS2 2254 A

Resolution (mm)	40
Controlled height (mm)	2250
Max. Range (m)	12
Restart	Automatic
Total height (mm)	2313
Cross-sectional dimensions (mm)	28 x 30
Mounting	Back slot with LE-type brackets (included in delivery) or at the top and bottom with SFB E swivel brackets (optional)
Max. Length of connection cable (m)	100 (50 between master and slave)
Connections	M12 5-pole connectors
Packaging dimensions HxLxW (mm)	0 x 0 x 0
Gross weight (g)	6897.36

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	

EOS2 2254 A

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

- EOS2 2254 A