



SSP

Safety System Products

EOS4 1653 XH WTF

Safety light curtain for hand detection with waterproof housing, IP69K/Ecolab certified, Automatic/Manual restart and EDM, Prewired with 10 m cable

Your advantages

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General data

Item number	SP-R-11-100-53
Type designation	EOS4 1653 XH WTF
Functional type	Safety light curtain for hand detection with waterproof housing, IP69K/Ecolab certified, Automatic/Manual restart and EDM, Prewired with 10 m cable
Number of beams	83
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	100
PFHd (EN ISO 13849)	2.16E-08
Approvals	CE; TÜV SUD; UL Listed ESPE; 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	Integrated

Environmental conditions

Max. operating temperature	0 ... 55 °C
Protective covers	Food industry IP69K
Max. Water pressure (bar)	80 ... 100
Special versions	Waterproof housing Food and beverage
Protection class	IP69K

Electrical data

Response times	12
Safety output type	2 fail-safe PNP (400 mA at 24 VDC) with protection against short circuit, overload and polarity reversal

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Safety outputs	2 OSSD PNP (400 mA at 24 VDC)
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Mechanical data

Protected height (mm)	1660
Resolution (mm)	30
Controlled height (mm)	1600
Max. Range (m)	17
Restart	Built-in - user selectable automatic or manual
Total height (mm)	1837
Mounting	Set of 4 ring holders (included in delivery)
Max. Length of connection cable (m)	100
Connections	Cable output
Diameter (mm)	56
Packaging dimensions HxLxW (mm)	145 x 1960 x 200
Gross weight (g)	8644.2
Food-grade materials	Ja

Downloads

- EOS4 1653 XH WTF