



SSP

Safety System Products

EOS4 1653 XH WTHF

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

Your advantages

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General data

Item number	SP-R-11-100-57
Type designation	EOS4 1653 XH WTHF
Functional type	Safety light curtain for hand detection with heated, waterproof housing, IP69K/Ecolab certified, Automatic/Manual restart and EDM, Prewired with 10 m line 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; 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	Integrated

Environmental conditions

Max. operating temperature	- 25 ... 50 °C
Protective covers	Food industry IP69K
Max. Water pressure (bar)	80 ... 100
Special versions	Waterproof housing Food and beverage Heated
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)	1650
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)	8827.49
Food-grade materials	Ja

Downloads

- EOS4 1653 XH WTHF