SSP
Safety System Products

EOS4 153 XH WTHF

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

Your advantages

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EOS4 153 XH WTHF

General data

Item number	SP-R-11-102-90
Type designation	EOS4 153 XH WTHF
Functional type	Safety light curtain for hand detection with heated, waterproof housing, IP69K/Ecolab certified, Automatic/Manual restart and EDM, Pre-wired with 10 m line cable
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	100
PFHd (EN ISO 13849)	9.13E-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	Integrated

Environmental conditions

Protective covers	Food industry IP69K
Max. operating temperature	- 25 ... 50 °C
Max. Water pressure (bar)	80 . . . 100
Special versions	Waterproof housing | Food and beverage | Heated
Protection class	IP69K

Electrical data

Response times	3
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)

Mechanical data

Resolution (mm)	30
Protected height (mm)	160
Controlled height (mm)	150
Max. Range (m)	17
Restart	Built-in - user selectable automatic or manual
Total height (mm)	337
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 460 x 200
Gross weight (g)	3337.49
Food-grade materials	Yes

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