



SSP

Safety System Products

EOS4 4B XH WTHF

Safety light curtain for access control 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 4B XH WTHF

General data

Item number	SP-R-11-106-77
Type designation	EOS4 4B XH WTHF
Functional type	Safety light curtain for access control with heated, waterproof housing, IP69K/Ecolab certified, Automatic/Manual restart and EDM, Pre-wired with 10 m line cable
Number of beams	4
Signalling	LEDs for status and diagnostics of the light curtain
Detection	Access control

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)	1.08E-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	- 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	2.5
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)	910
Resolution (mm)	Multi-beams
Max. Range (m)	17
Restart	Built-in - user selectable automatic or manual
Total height (mm)	1177
Mounting	Set of 4 ring holders (included in delivery)
Max. Length of connection cable (m)	100
Packaging dimensions HxLxW (mm)	145 x 1300 x 200
Gross weight (g)	6220.89
Food-grade materials	Yes

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