



SSP

Safety System Products

EOS4 1801 X WTHF

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

Your advantages

To the downloads ►



we simplify safety

EOS4 1801 X WTHF

General data

Type designation	EOS4 1801 X WTHF
Item number	SP-R-11-100-56
Functional type	Safety light curtain for finger detection with heated, waterproof housing, IP69K/Ecolab certified, Automatic/Manual restart and EDM, Pre-wired with 10 m line cable
Number of beams	180
Signalling	LEDs for status and diagnostics of the light curtain
Detection	Finger

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)	3.22E-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

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	4
Safety output type	2 fail-safe PNP (400 mA at 24 VDC) with protection against short circuit, overload and polarity reversal

EOS4 1801 X WTHF

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

Mechanical data

Protected height (mm)	1810
Resolution (mm)	14
Max. Range (m)	5
Restart	Built-in - user selectable automatic or manual
Total height (mm)	1987
Mounting	Set of 4 ring holders (included in delivery)
Max. Length of connection cable (m)	100
Packaging dimensions HxLxW (mm)	145 x 2110 x 200
Gross weight (g)	9298.99
Food-grade materials	Ja

Downloads

- EOS4 1801 X WTHF