



SSP

Safety System Products

EOS2 1805 XS

Safety light curtain for body detection for cascade switching with automatic/manual restart and EDM (Priority Slave Model).

Your advantages

To the downloads ►



we simplify safety



Safety System Products

EOS2 1805 XS

General data

Item number	SP-R-13-204-77
Type designation	EOS2 1805 XS
Functional type	Safety light curtain for body detection for cascade switching with automatic/manual restart and EDM (Priority Slave Model).
Master Slave Models	Yes
Number of beams	48
Signalling	LEDs for status and diagnostics of the light curtain
Detection	Body

Safety data

MTTFd (ISO 13849-1) years	188.9
SIL (acc. IEC 62061)	Typ 2 - SIL 1 - SILCL 1 - PL c - Cat. 2
PFHd (EN ISO 13849)	5.74E-08
Approvals	CE; TÜV SUD; UL Listed ESPE; TS - Taiwan; WEEE, insulation class low voltage; China RoHs; IP65 - IP67; UKCA
Performance Level (EN ISO 13849-1: 2015)	Typ 2 - PL c
Safety functions	Integrated

Environmental conditions

Max. operating temperature	- 30 ... 55 °C
Protective covers	None

Electrical data

Max. voltage (VDC)	24 ± 20%
Response times	See technical manual
Safety output type	2 fail-safe PNP (400 mA at 24 VDC) with protection against short circuit, overload and polarity reversal
Safety outputs	2 OSSD PNP (400 mA at 24 VDC)

Mechanical data

Resolution (mm)	50
-----------------	----

we simplify safety

EOS2 1805 XS

Protected height (mm)	1810
Controlled height (mm)	1800
Max. Range (m)	12
Restart	Built-in - user selectable automatic or manual
Total height (mm)	1863
Cross-sectional dimensions (mm)	28 x 30
Mounting	Back slot with LE-type brackets (included in delivery) or at the top and bottom with SFB E swivel brackets (optional)
Max. Length of connection cable (m)	100 (50 between master and slave)
Connections	M12 5-pole connectors
Packaging dimensions HxLxW (mm)	0 x 0 x 0

Equipment

Accessories

M12-female connector, 8 pin, 10 m	C8D10	SP-R-13-309-81	
M12-female connector, 8 pin, 15 m	C8D15	SP-R-13-309-82	
M12-female connector, 8 pin, 25 m	C8D25	SP-R-13-309-67	
M12-female connector, 8 pin, 40 m	C8D40	SP-R-13-309-66	

EOS2 1805 XS

M12-female connector, 8 pin, 5 m	C8D5	SP-R-13-309-80	
M12-female connector, 5 pin, 10 m	CD10	SP-R-13-309-56	
M12-female connector, 5 pin, 15 m	CD15	SP-R-13-309-52	
M12-female connector, 5 pin, 20 m	CD20	SP-R-13-309-57	
M12-female connector, 5 pin, 25 m	CD25	SP-R-13-309-49	
M12-female connector, 5 pin, 5 m	CD5	SP-R-13-309-50	
M12-female connector, 5 pin, 50 m	CD50	SP-R-13-309-65	
M12-female connector, 12 pin, 10 m	M12-C12101-G	SP-X-33-000-21	

EOS2 1805 XS

Downloads

- EOS2 1805 XS