Safety System Products

EOS4 1205 X

Safety light curtain for body detection with automatic/manual restart and EDM

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General data	
Item number	SP-R-13-104-17
Type designation	EOS4 1205 X
Functional type	Safety light curtain for body detection with automatic/manual restart and EDM
Number of beams	32
Signalling	LEDs for status and diagnostics of the light curtain
Detection	Body

Safety data	
MTTFd (ISO 13849-1) years	256
SIL (acc. IEC 62061)	Type 4 - SIL 3 - SILCL 3 - PL e - Cat. 4
PFHd (EN ISO 13849)	1.24E-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	Integriert

Environmental conditions	
Max. operating temperature	- 30 ... 55 °C
Protective covers	None
Protection class	IP65 - IP67

Electrical data	
Response times	9
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	
Protected height (mm)	1210

Safety System Products

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Resolution (mm)	50
Controlled height (mm)	1200
Max. Range (m)	12
Restart	Built-in - user selectable automatic or manual
Total height (mm)	1263
Cross-sectional dimensions (mm)	28 x 30
Mounting	Rear slot with a set of LE brackets (included in the scope of delivery) or at the top and bottom with SFB E swivel brackets (optional)
Max. Length of connection cable (m)	100
Connections	M12 5-pin connector (transmitter), M12 8-pin connector (receiver)
Packaging dimensions HxLxW (mm)	145 x 1320 x 200
Gross weight (g)	4012.76

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	

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EOS4 1205 X

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	

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