



SSP

Safety System Products

SAFEGATE S 4B TRX - A

Safety light curtain for access control with automatic/manual restart (no integrated muting function), TRX transmitter/receiver device

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Safety System Products

SAFEGATE S 4B TRX - A

General data

Item number	SP-R-13-906-18
Type designation	SAFEGATE S 4B TRX - A
Functional type	Safety light curtain for access control with automatic/manual restart (no integrated muting function), TRX transmitter/receiver device
Number of beams	4
Built-in muting lamp	No
Signalling	LEDs for status and diagnostics of the light curtain
Detection	Access control

Safety data

MTTFd (ISO 13849-1) years	399.4
SIL (acc. IEC 62061)	Type 4 - SIL 3 - SILCL 3 - PL e - Cbei. 4
PFHd (EN ISO 13849)	7.68E-09
Approvals	CE; TÜV SUD; UL Listed ESPE; WEEE; Insulation class; Low voltage; China RoHs; RoHs; IP65 - IP67; UKCA
Performance Level (EN ISO 13849-1: 2015)	Type 4 - PL e
Safety functions	With external module

Environmental conditions

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

Electrical data

Max. voltage (VDC)	24 ± 20%
Response times	5.5
Safety output type	2 fail-safe PNP (400 mA at 24 VDC) with protection against short circuit, overload and polarity reversal
Safety outputs	2 fail-safe PNP (400 mA at 24 VDC)

Mechanical data

Protected height (mm)	910
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Resolution (mm)	Multi-beams
Controlled height (mm)	950
Max. Range (m)	8
Restart	Automatic
Total height (mm)	1045
Cross-sectional dimensions (mm)	50 x 55
Mounting	Back slot, side slot with set of LL type brackets (included). SFB SG swivel brackets (optional)
Max. Length of connection cable (m)	100
Connections	M12 5-pole male connector (active element)
Packaging dimensions HxLxW (mm)	145 x 1130 x 200
Gross weight (g)	6500

Equipment

Accessories

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	

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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

