SGT 10-085-016-A1-C-01-5

Self-Contained Light Curtains

Light Curtains



Compatible Receivers:

SGR 10-085-016-A1-C-07-5

Product Data	
Function	Transmitter
Operation Mode	Thru Beam
Supply Voltage	12 - 36 V dc
Connection	5 m cable
Sensing Range	10 m
Number of Channels	16
Length	850 mm
Active Height	695 mm
Housing	12 x 30 mm

Technical Data	
Supply Voltage	12 – 36 V dc
Reverse Polarity Protected	Yes
Current Consumption	Max. 100 mA
Spacing between bottom & Ch1	25 mm
Distance, Beams Pinch Point	23 mm
Channel Spacing	46 mm
Test Input	Yes
Power On Indicator	Green LED
Light Source	Infrared (880 nm)
Profile Dimensions (w x d)	Slim Line (C), 12 x 30 mm
Housing Material, Front Lens	Polycarbonate
Housing Material, Profile	Aluminium (black anodised)
Cable	3 x 0,20 mm²
Cable Sleeve	PVC Ø 4,9 mm

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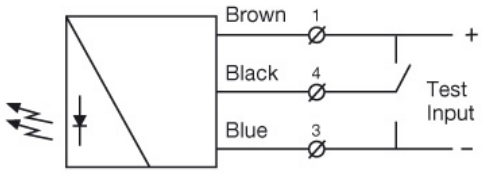
Environmental Data	
Operation Temperature	–20 to +65 °C
Storage Temperature	–40 to +80 °C
Sealing Class	IP 67
Light Immunity 5˚	> 100 000 lux

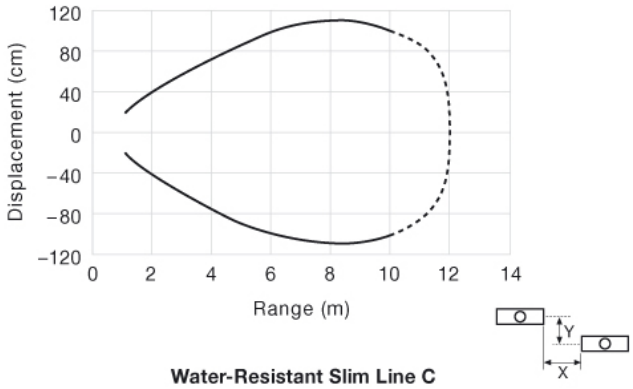
Approvals

CE UK CA

Wiring Diagram



Parallel Displacement



Water-Resistant Slim Line C

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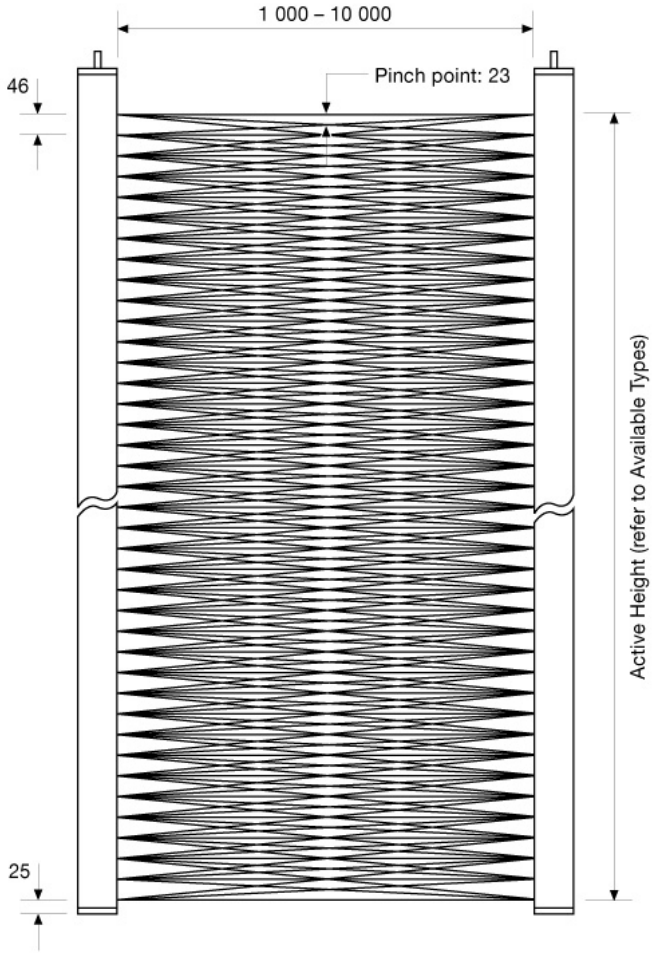
Beam Patterns



46 mm channel spacing

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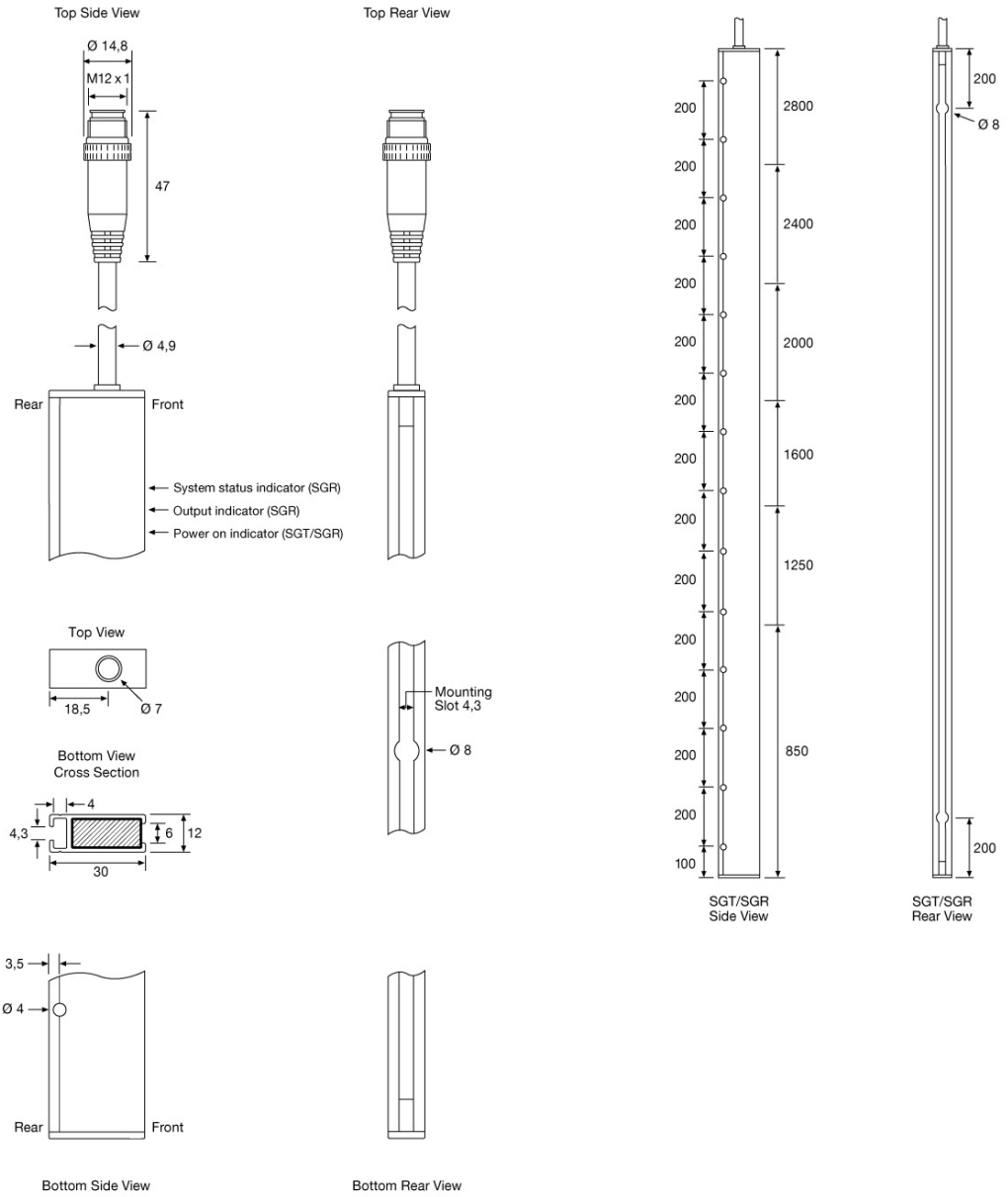
Dimensions

Details



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