SGT 13-193-016-E1-K-01-15

Self-Contained Light Curtains

Light Curtains



Compatible Receivers:

SGR 13-193-016-E1-K-09-5

Product Data	
Function	Transmitter
Operation Mode	Thru Beam
Supply Voltage	12 - 30 V dc
Connection	15 m cable
Sensing Range	10 m
Number of Channels	16
Length	1948 mm
Active Height	1800 mm
Housing	19,5 mm x 14,8 mm

Technical Data	
Supply Voltage	12 - 30 V dc
Reverse Polarity Protected	Yes
Current Consumption	70 mA
Spacing between bottom & Ch1	45 mm
Channel Spacing	45 mm : up to 315 mm and two top channels - 180 mm : from 315 mm to top
Test Input	Yes
Power On Indicator	Green LED
Light Source	Infrared (880 nm)
Profile Dimensions (w x d)	K Profile, 19,5 mm x 14,8 mm
Housing Material, Front Lens	Polycarbonate
Housing Material, Profile	Aluminium (black anodised)
Cable	5 x 0,20 mm²
Cable Sleeve	PVC Ø 4,9 mm
Max. Sequencial Blanking Speed	1,9 m/s

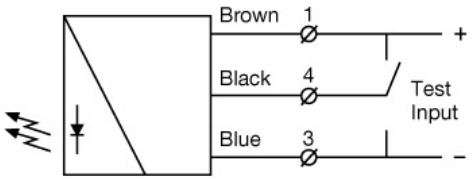
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Environmental Data	
Operation Temperature	–20 to +65 °C
Storage Temperature	–40 to +80 °C
Sealing Class	IP 67
Light Immunity 5˚	> 100 000 lux

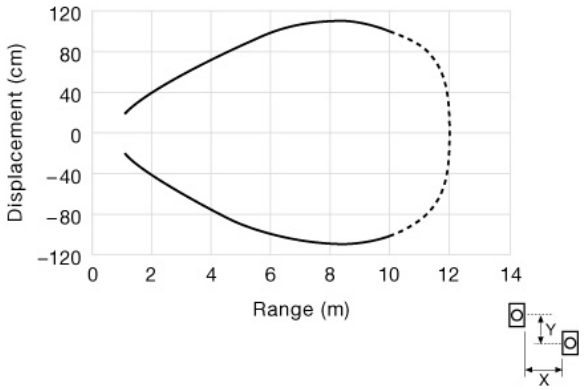
Approvals

CE UK CA

Wiring Diagram

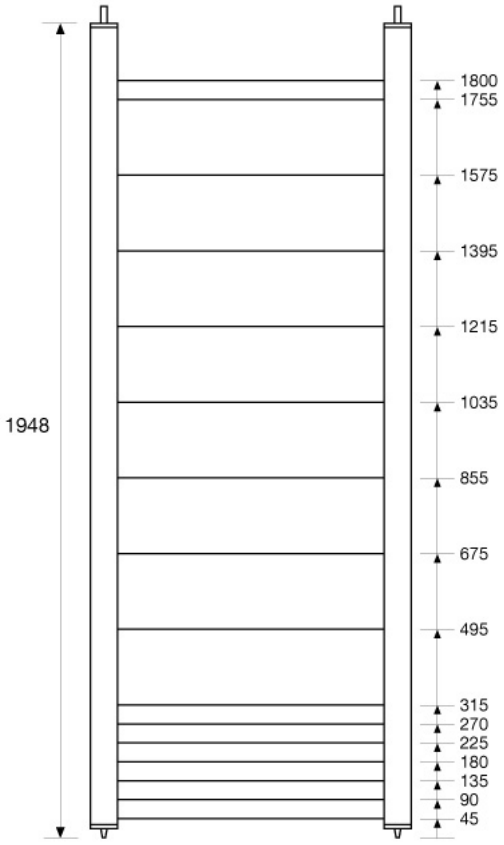


Parallel Displacement



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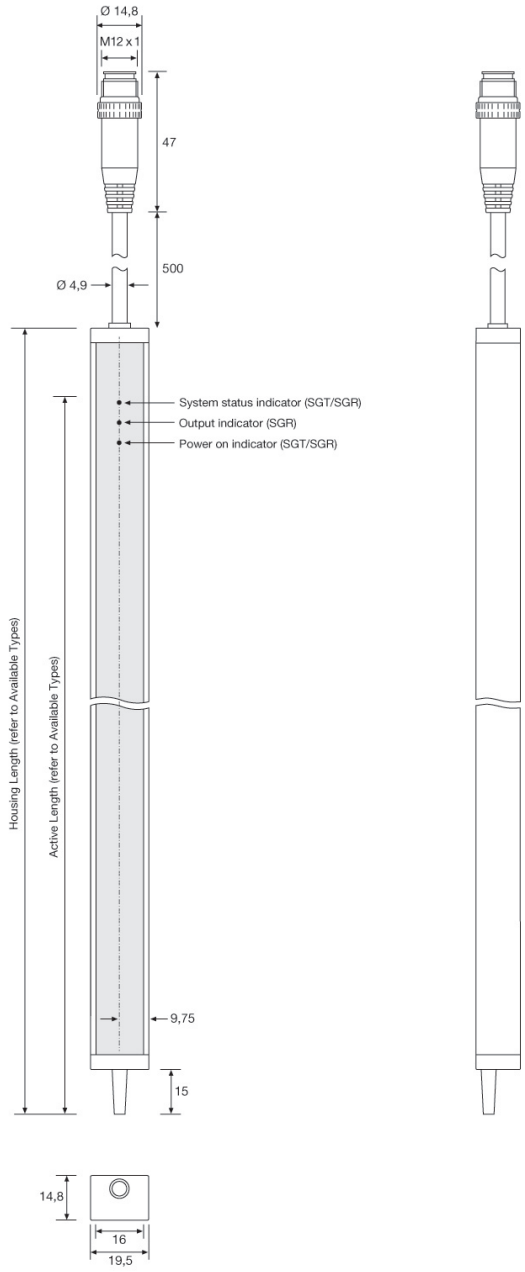
Beam Patterns



E1

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Dimensions



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