

SGT 1-200-040-A1-B-00-3F

Self-Contained Light Curtains

Light Curtains

Compatible Receivers:

SGR 1-200-040-A1-B-04-3F

SGR 1-200-040-A1-B-05-3F

SGR 1-210-040-A1-B-04-3F

SGR 1-210-040-A1-B-05-3F



Product Data	
Function	Transmitter
Operation Mode	Thru Beam
Supply Voltage	12 - 36 V dc
Connection	3 m flexible cable
Sensing Range	4 m
Number of Channels	40
Length	2000 mm
Active Height	1800 mm
Housing	37,5 x 13 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
Time-out Function	Up to 4 non-adjacent channels, selectable
Light Source	Infrared (940 nm)
Profile Dimensions (w x d)	Leading Edge (B), 37,5 x 13 mm
Housing Material, Front Lens	Polycarbonate
Housing Material, Profile	Aluminium (black anodised)
Cable	3 x 0,14 mm ²
Cable Sleeve	PVC Ø 4,1 mm

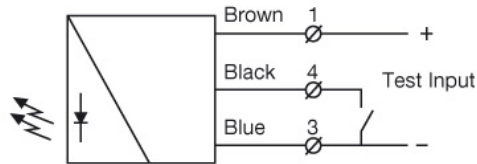
Environmental Data

Operation Temperature	-20 to +65 °C
Storage Temperature	-40 to +80 °C
Sealing Class	IP 54
Light Immunity 5*	> 100 000 lux

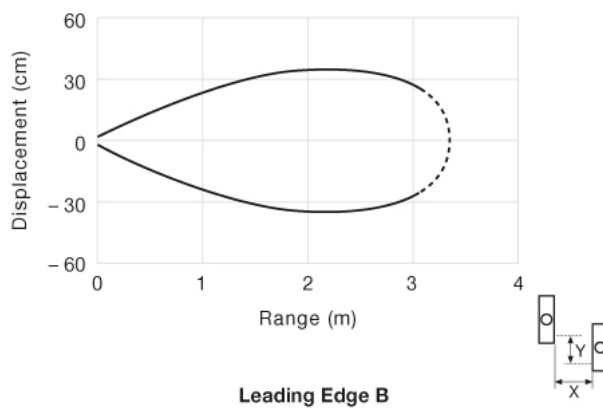
Approvals



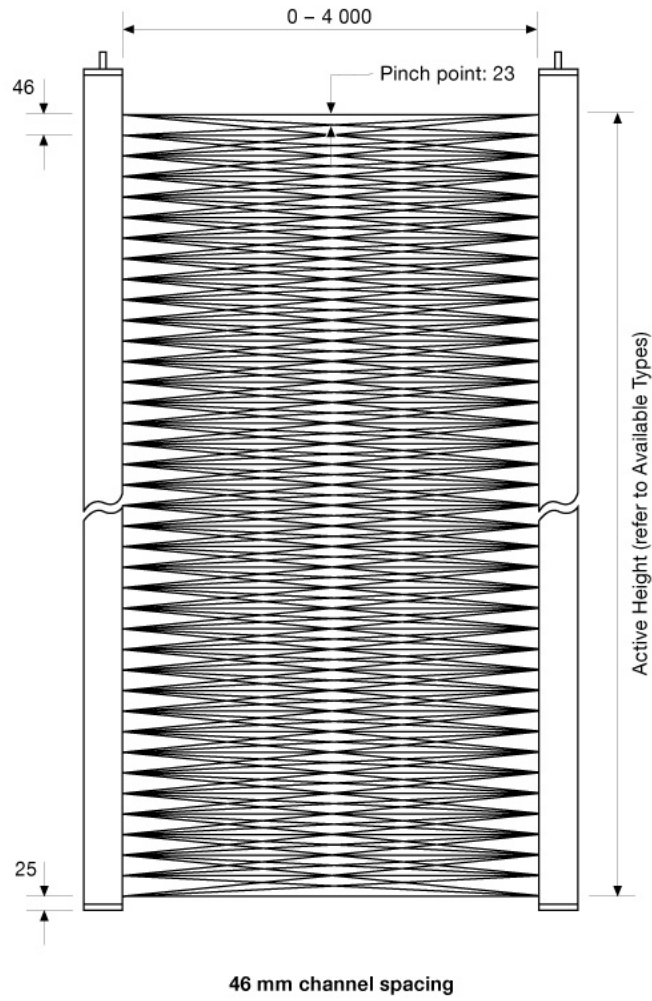
Wiring Diagram



Parallel Displacement



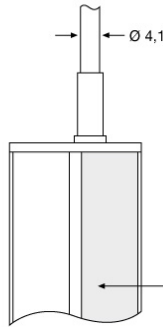
Beam Patterns



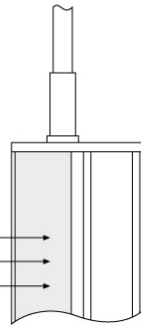
Dimensions

Details

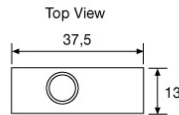
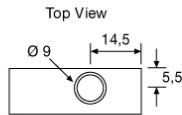
SGT
Top Front View
(shown with screw cover strip)



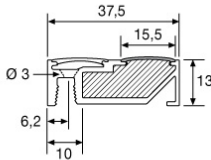
SGR
Top Front View
(shown without screw cover strip)



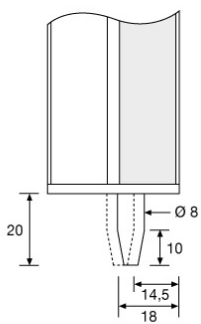
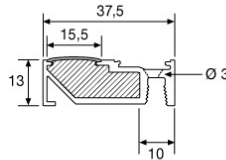
System status indicator
Output indicator
Power on indicator



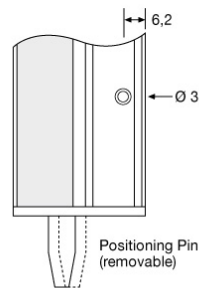
Bottom View
Cross Section



Bottom View
Cross Section



Bottom Front View



Bottom Front View

