

SGR 13-193-040-C1-G-09-0.5-J5**Self-Contained Light Curtains**

Light Curtains

Compatible Transmitter:

SGT 13-193-040-C1-G-01-0.5-J5



Product Data	
Function	Receiver
Operation Mode	Thru Beam
Supply Voltage	12 - 30 V dc
Connection	0.5 m cable with 5 pin, M12 plug
Sensing Range	10 m
Number of Channels	40
Output	Solid State Relay
Output Status	N.C.
Response	50 ms
Length	1948 mm
Active Height	1800 mm
Housing	19,5 mm x 21,3 mm
Features	Dynamic Sequential Blanking Function

Technical Data	
Supply Voltage	12 - 30 V dc
Reverse Polarity Protected	Yes
Short Circuit Protected	Yes
Current Consumption	30 mA
Output Rating	100 mA
Spacing between bottom & Ch1	45 mm
Channel Spacing	45 mm
Power On Indicator	Green LED
Output Indicator	Yellow LED
System Status Indicator	Red LED
Profile Dimensions (w x d)	G Profile, 19,5 mm x 21,3 mm
Housing Material, Front Lens	Polycarbonate
Housing Material, Profile	Aluminium (black anodised)

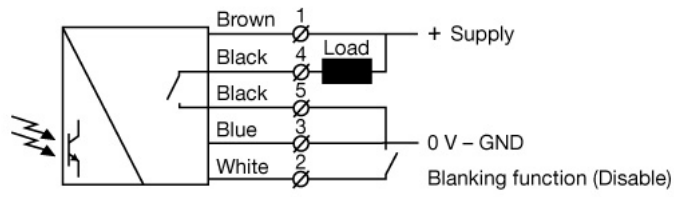
Cable	5 x 0,20 mm ²
Cable Sleeve	PVC Ø 4,9 mm
Max. Sequential Blanking Speed	2,4 m/s

Environmental Data

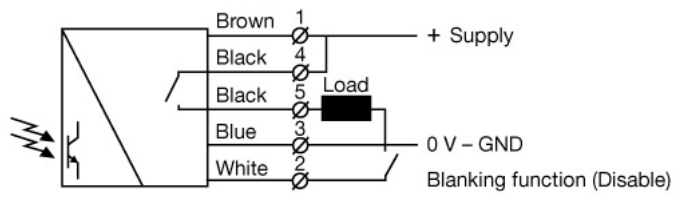
Operation Temperature	-20 to +65 °C
Storage Temperature	-40 to +80 °C
Sealing Class	IP 67
Light Immunity 5*	> 100 000 lux

Approvals

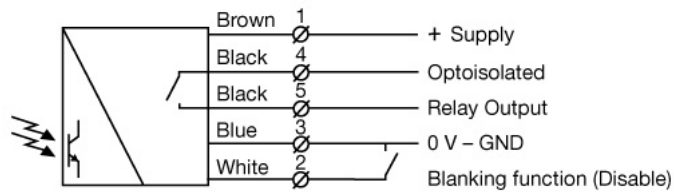
Wiring Diagram



SGR 13
Load as NPN output



SGR 13
Load as PNP output

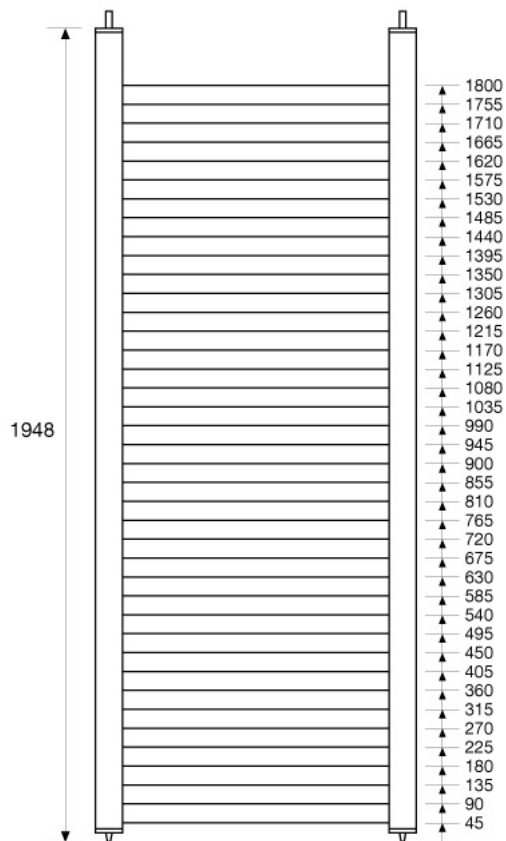


SGR 13
Solid state relay output

Parallel Displacement

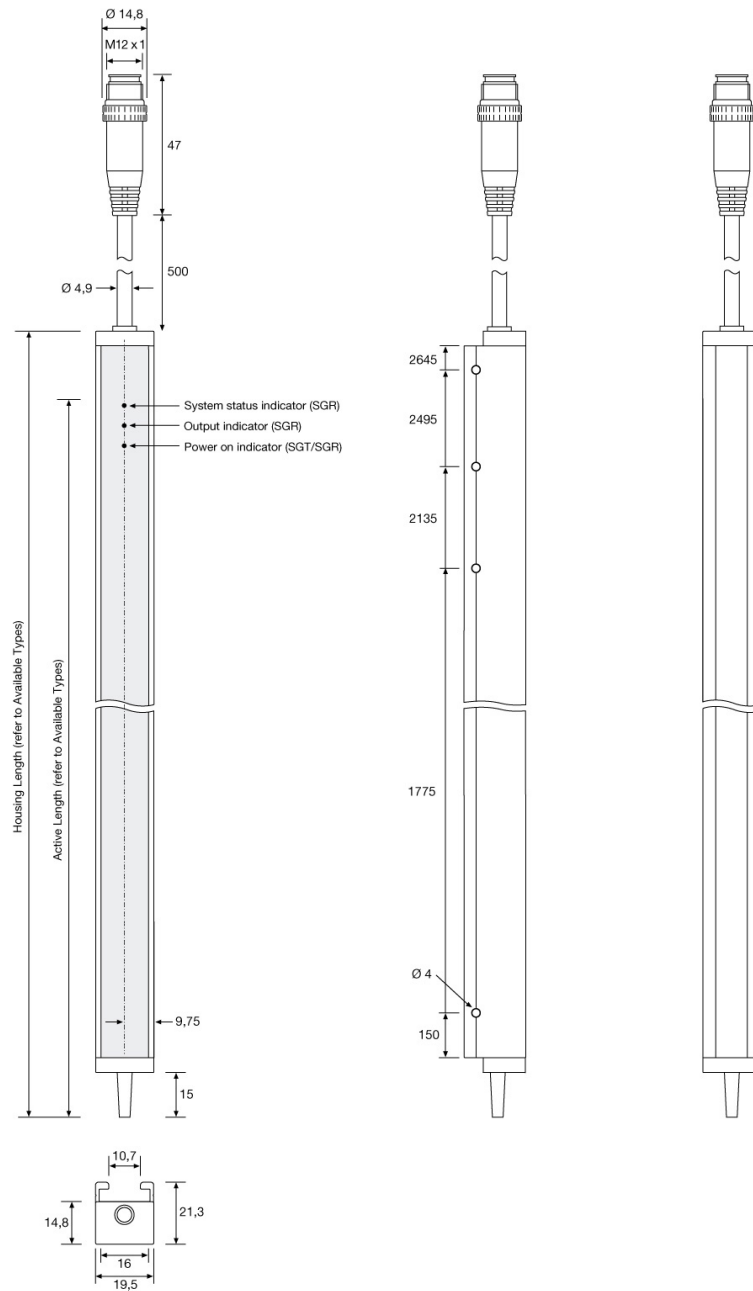


Beam Patterns



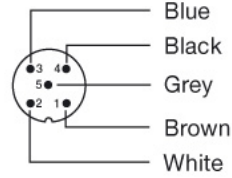
C1

Dimensions



Connections

5 pin, M12

Sensor Plug
(Male)Cable Plug
(Female)

Blue

Black

Grey

Brown

White