SGR 10-160-032-A1-C-07-5

Self-Contained Light Curtains

Light Curtains

Compatible Transmitter:

SGT 10-160-032-A1-C-01-5



Product Data	
Function	Receiver
Operation Mode	Thru Beam
Supply Voltage	12 - 36 V dc
Connection	5 m cable
Sensing Range	10 m
Number of Channels	32
Output	Solid State Relay
Output Status	N.C./N.O.
Response	< 165 ms
Length	1600 mm
Active Height	1430 mm
Housing	12 x 30 mm

Technical Data	
Supply Voltage	12 – 36 V dc
Reverse Polarity Protected	Yes
Short Circuit Protected	Yes
Current Consumption	50 mA
Output Rating	200 mA
Spacing between bottom & Ch1	25 mm
Distance, Beams Pinch Point	23 mm
Channel Spacing	46 mm
Response Time	< 165 ms
Power On Indicator	Green LED
Output Indicator	Yellow LED
System Status Indicator	Red LED
Profile Dimensions (w x d)	Slim Line (C), 12 x 30 mm
Housing Material, Front Lens	Polycarbonate

COPYRIGHT © TELCO SENSORS. ALL RIGHTS RESERVED. SPECIFICATIONS SUBJECT TO CHANGE WITHOUT NOTICE.

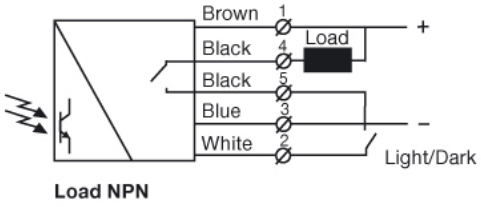
Housing Material, Profile	Aluminium (black anodised)
Cable	5 x 0,20 mm²
Cable Sleeve	PVC Ø 4,9 mm

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

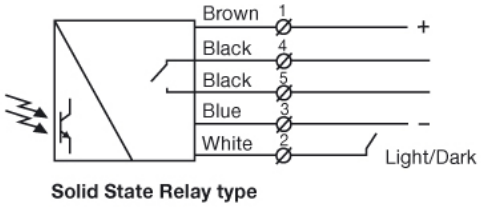
Approvals

CE UK CA

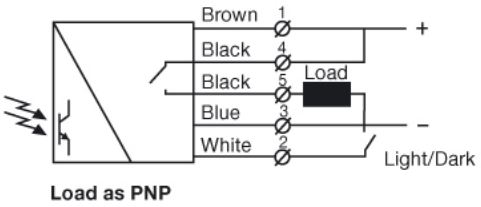
Wiring Diagram



Load NPN



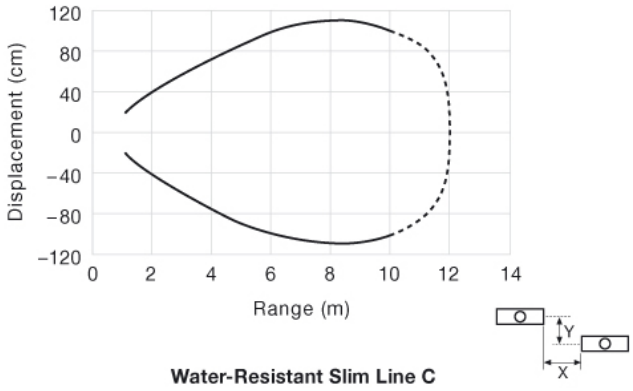
Solid State Relay type



Load as PNP

COPYRIGHT © TELCO SENSORS. ALL RIGHTS RESERVED. SPECIFICATIONS SUBJECT TO CHANGE WITHOUT NOTICE.

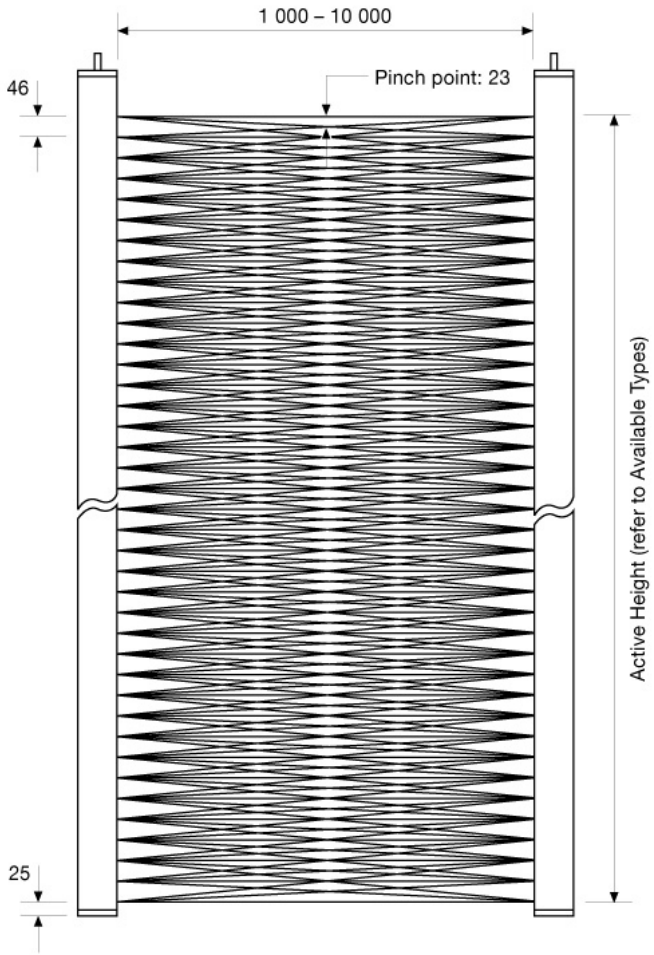
Parallel Displacement



Water-Resistant Slim Line C

COPYRIGHT © TELCO SENSORS. ALL RIGHTS RESERVED. SPECIFICATIONS SUBJECT TO CHANGE WITHOUT NOTICE.

Beam Patterns

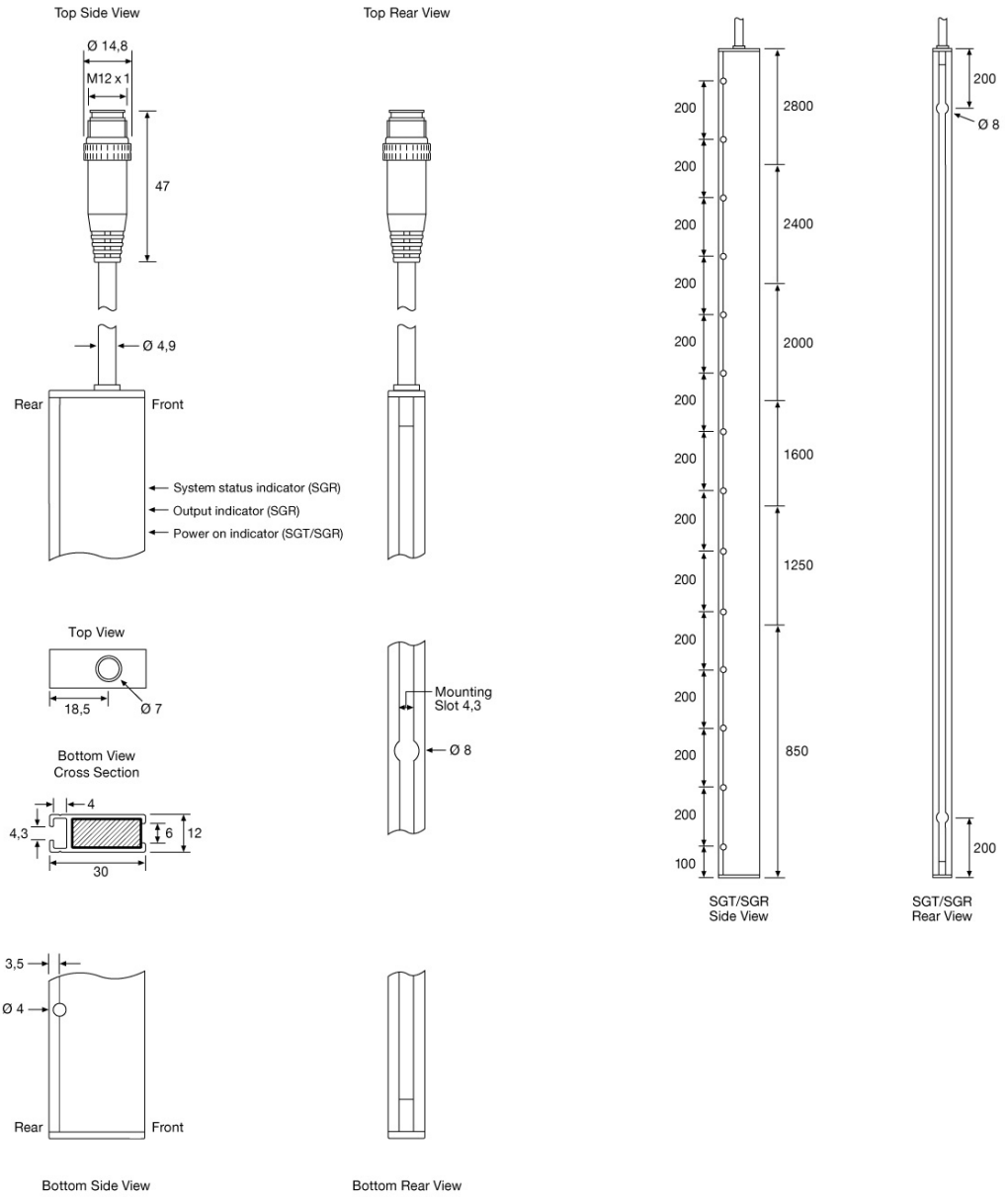


46 mm channel spacing

COPYRIGHT © TELCO SENSORS. ALL RIGHTS RESERVED. SPECIFICATIONS SUBJECT TO CHANGE WITHOUT NOTICE.

Dimensions

Details



COPYRIGHT © TELCO SENSORS. ALL RIGHTS RESERVED. SPECIFICATIONS SUBJECT TO CHANGE WITHOUT NOTICE.