# SGT 13-193-028-D1-G-01-15

## Self-Contained Light Curtains

Light Curtains



**Compatible Receivers:**

SGR 13-193-028-D1-G-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 | 28 |
| Length | 1948 mm |
| Active Height | 1800 mm |
| Housing | 19,5 mm x 21,3 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 1035 mm and two top channels - 180 mm : from 1035 mm to top |
| Test Input | Yes |
| Power On Indicator | Green LED |
| Light Source | Infrared (880 nm) |
| 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 mm² |
| Cable Sleeve | PVC Ø 4,9 mm |
| Max. Sequencial Blanking Speed | 1,7 m/s |

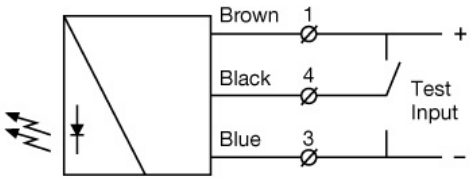
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| Environmental Data | |
|---|---|
| Operation Temperature | –20 to +65 °C |
| Storage Temperature | –40 to +80 °C |
| Sealing Class | IP 67 |
| Light Immunity 5˚ | > 100 000 lux |

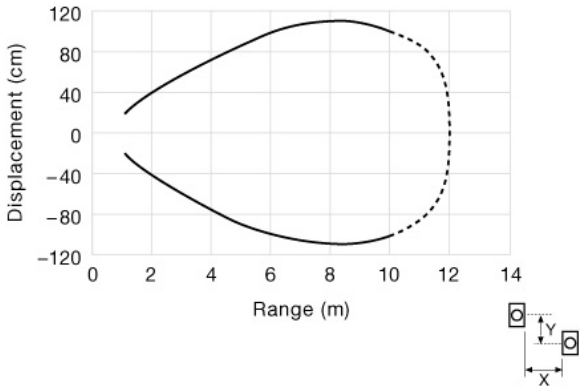
## Approvals

CE UK CA

## Wiring Diagram

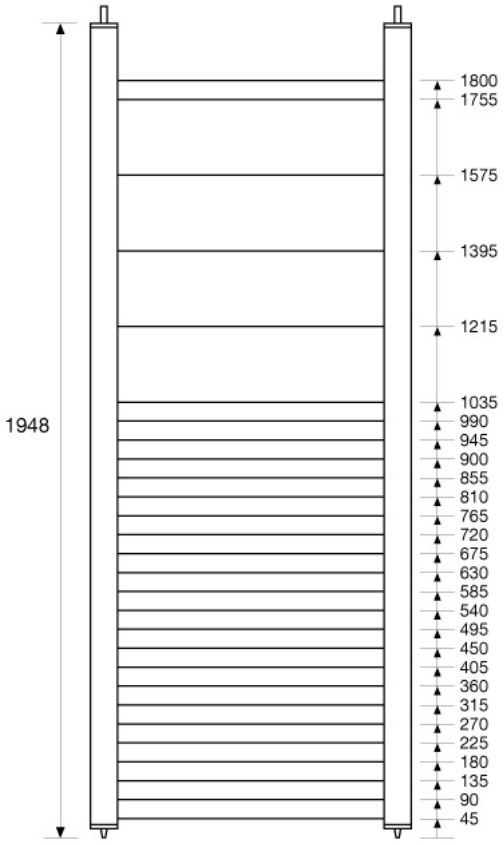



## Parallel Displacement




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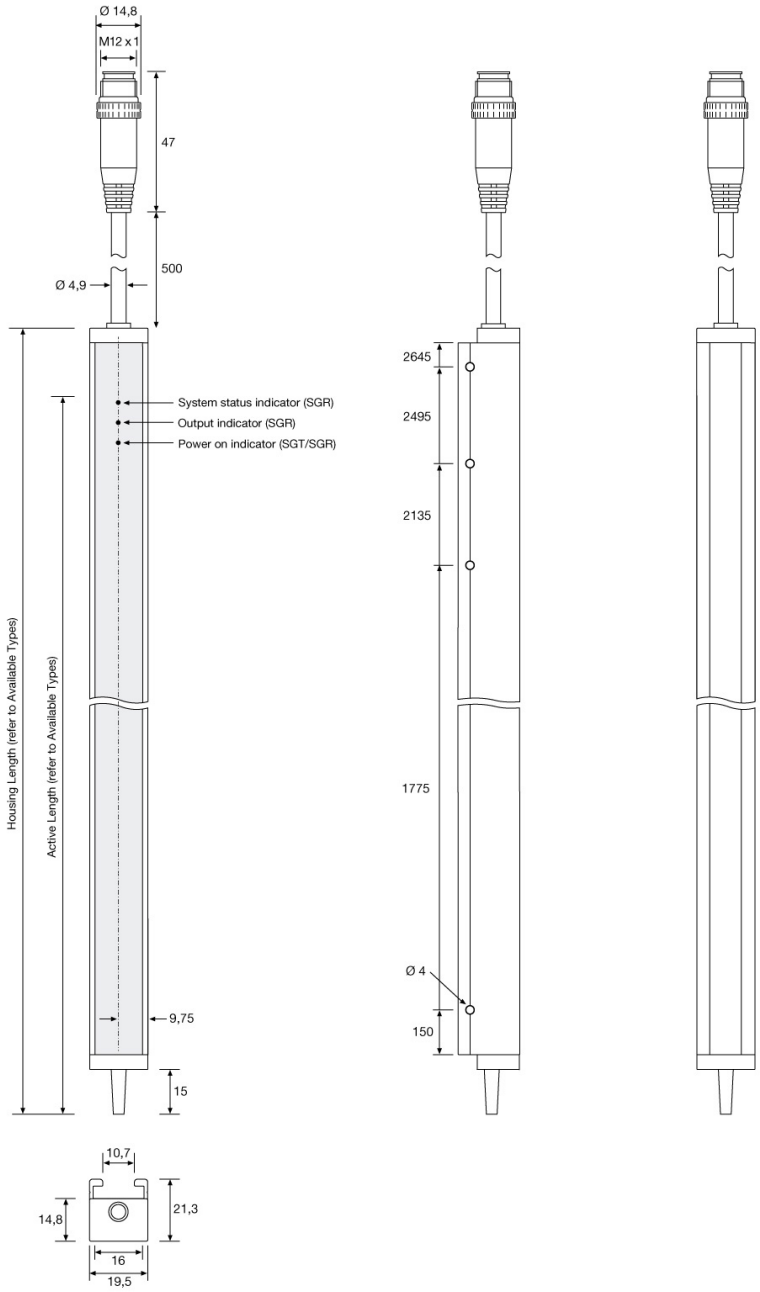
## Beam Patterns




D1

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## Dimensions





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