# SGT 1-085-008-B1-A-00-3F

## Self-Contained Light Curtains

Light Curtains



**Compatible Receivers:**

SGR 1-085-008-B1-A-04-3F
SGR 1-085-008-B1-A-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 | 8 |
| Length | 850 mm |
| Active Height | 650 mm |
| Housing | 10 x 28 mm |

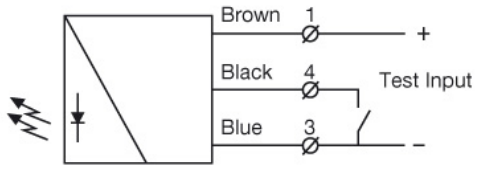
| Technical Data | |
|---|---|
| Supply Voltage | 12 – 36 V dc |
| Reverse Polarity Protected | Yes |
| Current Consumption | Max. 100 mA |
| Spacing between bottom & Ch1 | 25 mm |
| Distance, Beams Pinch Point | 46 mm |
| Channel Spacing | 92 mm |
| Test Input | Yes |
| Power On Indicator | Green LED |
| Time-out Function | Up to 2 non-adjacent channels, selectable |
| Light Source | Infrared (940 nm) |
| Profile Dimensions (w x d) | Slim Line (A), 10 x 28 mm |
| Housing Material, Front Lens | Polycarbonate |
| Housing Material, Profile | Aluminium (black anodised) |
| Cable | 3 x 0,14 mm² |
| Cable Sleeve | PVC Ø 4,1 mm |

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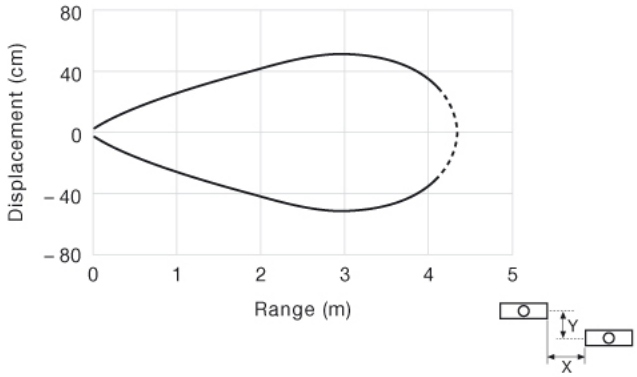
| Environmental Data | |
|---|---|
| Operation Temperature | –20 to +65 °C |
| Storage Temperature | –40 to +80 °C |
| Sealing Class | IP 54 |
| Light Immunity 5˚ | > 100 000 lux |

## Approvals

## Wiring Diagram



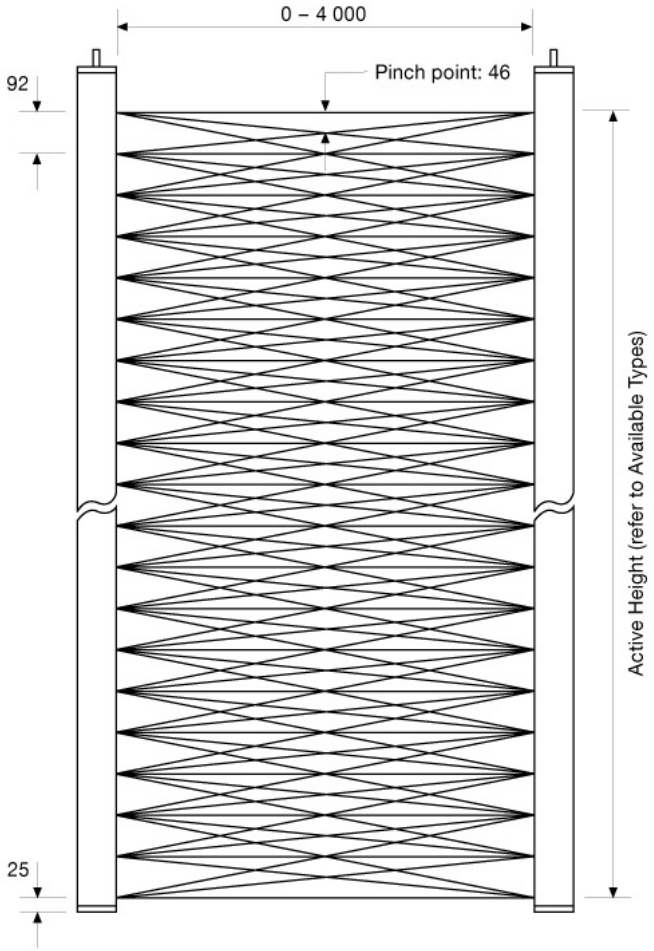

## Parallel Displacement




**Slim Line A and Water-Resistant Slim Line C**

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## Beam Patterns

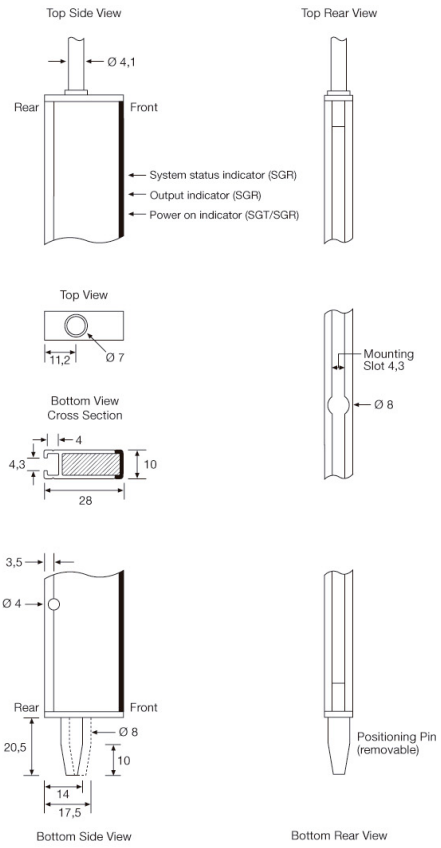


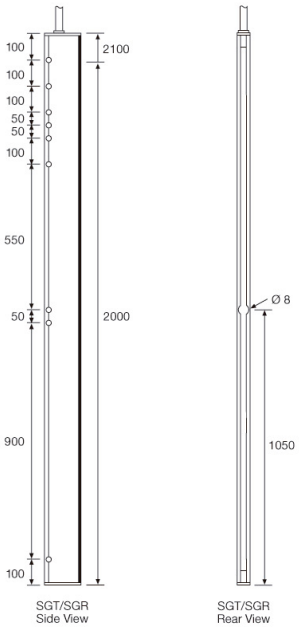

**92 mm channel spacing**

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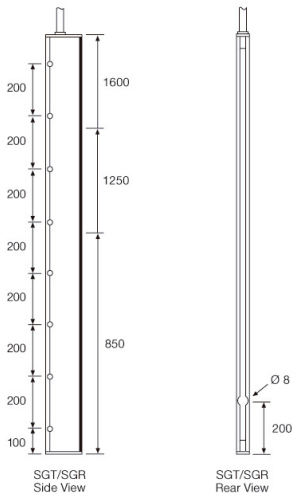
## Dimensions

**Details**




**SGT/SGR 1-200/210**




**SGT/SGR 1-085/125/160**

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