

The NEW **GS 120** light curtain



Features

- Compact, rugged design
- EN954-1 Cat 3
- EN61496 Type 2
- Choice of popular sizes
- Optically synchronised
- Easy installation
- 30mm & 70mm detection
- Diagnostic Display Options

The GS120 range of light curtains offers a cost effective alternative for category 3 situations as defined by EN954-1 where the advanced capabilities of our B Series are not required. This makes the GS120 easier to interface and does not require the customer to have automatic period testing evaluation. The GS120 is available with cross monitored PNP outputs or AS-i compatible, volt-free solid state relays, making them suitable for almost any system. The GS120 has 2 types of diagnostic displays. The LED option has different coloured LEDs displaying whether the curtain is blocked or unblocked. Alternatively, the DIAG option has an alphanumeric dot matrix display displaying information such as output status, restart mode, the identity of the first obstructed beam as well as error codes for internal/external anomalies.

Applications

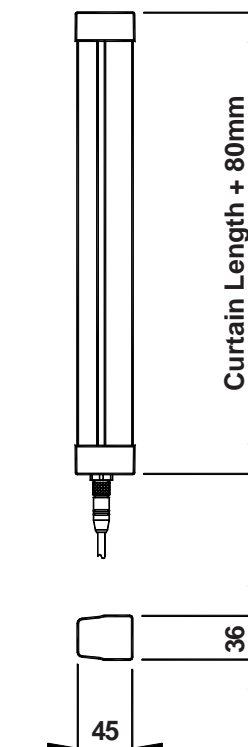
- Packing / wrapping machines
- Product handling and finishing
- Storage systems
- Textile machines

Technical specification

| | | | |
|------------------------------------|------------------|-----------------|-----------------------------|
| Light curtain detection capability | | 30mm & 70mm | |
| Light curtain protected height | | up to 1800mm | |
| Multi beam systems | | 2, 3 or 4 beams | |
| Cross section | | 45mm x 36mm | |
| Response time | | < 20ms | |
| Operating range | GS120 | 15m | |
| | GS120 Multi-Beam | 30m | |
| Wavelength | | 880nm | |
| Enclosure rating | | IP65 | |
| Effective aperture angle | | +/- 5 degrees | |
| Power consumption | | < 12VA | |
| Safety outputs | PNP version | Type | Solid State PNP |
| | | Capacity | 0.1A max. |
| | | Voltage | Supply voltage -2V |
| | SSR version | Type | Solid State Volt-free Relay |
| | | Capacity | 0.1A max. |
| | | Voltage | 48V (ac or dc) max. |
| | | On-resistance | 20ohms max. |

GB 03/07

Dimensions



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