

B Series Solo light curtain

Information Sheet



Features

- Easy installation
- Range of popular sizes
- EC Type examined
- Type 4 EN61496 design
- Small cross section
- Flexible interfacing
- Muting option
- 'Quick-release' connectors
- Fail-safe PNP outputs
- Ideal with AS-Interface systems

The NEW B Series Solo light curtain is based on the highly successful Guardscan B series light curtain which has been used throughout industry for many years. The major difference between the B Series Solo light curtain and any other light curtain is that it has a Category 4 fail-safe monitoring function built into the light curtain. This configuration is ideal for use with AS-Interface systems, which connect sensors and actuators to remote control systems through only a 2-wire cable. The light curtains can connect directly to the same kind of standard ASi-Safe I/O connection modules that are used to connect E-stop switches over the AS-Interface. This is much more convenient than the alternative of having an additional control unit close to the light curtain so that it can provide the volt-free, normally closed connections to the ASi I/O module.

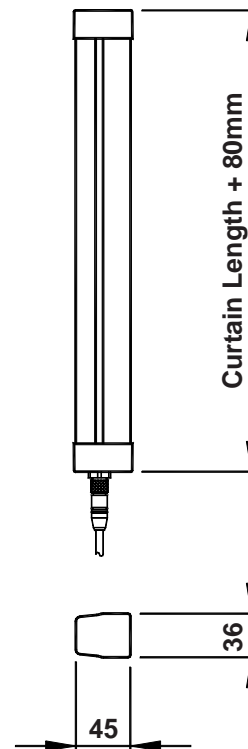
Applications

- Presses
- Packing machines
- Carton gluers
- Robot assembly
- Welding cells

Technical specification

Detection capability	14mm, 30mm, 70mm
Curtain lengths	up to 1800mm
Cross section	45mm x 36mm
Response time	< 18ms
Operating range	6m (14mm), 15m (30mm & 70mm)
Wavelength	880nm
Enclosure rating	IP65
Effective aperture angle	+/- 2 degrees
Power consumption	< 12VA
Safety output type	Solid state Volt-Free
Safety output capacity	0.1A
Safety output voltage	Max. 24V

Dimensions



GB-08/03



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