

# The NEW **GS 140** light curtain

Information Sheet



## Features

- Compact, rugged design
- Approved to:
- EN61496 - Type 4
- EN61508- SIL 3
- EN62061-SIL 3
- EN ISO 13849-1 Performance level e
- British design and manufacture
- Beam blanking capability
- Optional diagnostic display
- Optional Blueview™ alignment

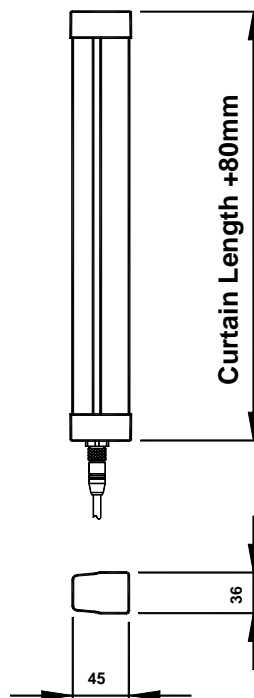
Based on the successful B Series platform, The GS140 provides state-of-the-art features with the added reliability of proven technology. They also conform to EN61508 which defines additional requirements for microprocessor based systems. The GS140 is available with a range of options including beam blanking, alpha-numeric diagnostic display or exclusive Blueview™ alignment tool. Select the exact light curtain for your safety application without paying for the features that you don't need. The GS140 is a really cost effective safety solution. The GS140 is a Type 4 safety curtain, making it suitable for high-risk applications. In medium-risk applications, the GS120 light curtain will be a lower cost option

## Applications

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

## Dimensions

Light curtain detection capability		14mm, 30mm & 70mm	
Light curtain protected height	14mm	up to 1200mm	
	30mm & 70mm	up to 1800mm	
Multi beam systems		2, 3 or 4 beams	
Cross section		45mm x 36mm	
Response time		< 20ms	
Operating range	GS140m - 14mm	6m	
	GS140m - 30 & 70mm	15m	
	GS140 Multi-beam	30m	
Wavelength		880nm	
Enclosure rating		IP65	
Effective aperture angle		± 2.5°	
Power consumption		<12VA	
Safety outputs	PNP version	Type	Solid State PNP
		Capacity	0.1A max.
		Voltage	Supply voltage -24v
	SSR version	Type	Solid State Volt-free Relay
		Capacity	0.1A max.
		Voltage	48V (ac or dc) max.
On-resistance		20ohms max.	



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