

# SafePass JT Safety Light Curtain

Multi-beam active infrared photocells - Detection range up to 15 metres



The SafePass JT light curtain system consists of a self-contained transmitter and receiver which are positioned opposite of each other. The units are housed in compact, but sturdy, aluminium profiles, which are sealed to IP65 waterproof specification.

The ability to rotate the light curtain sensors 180 degrees allows for quick and simple set-up.

Both the transmitter and receiver detectors are protected against reverse polarity of power supplies, control input and output signals.



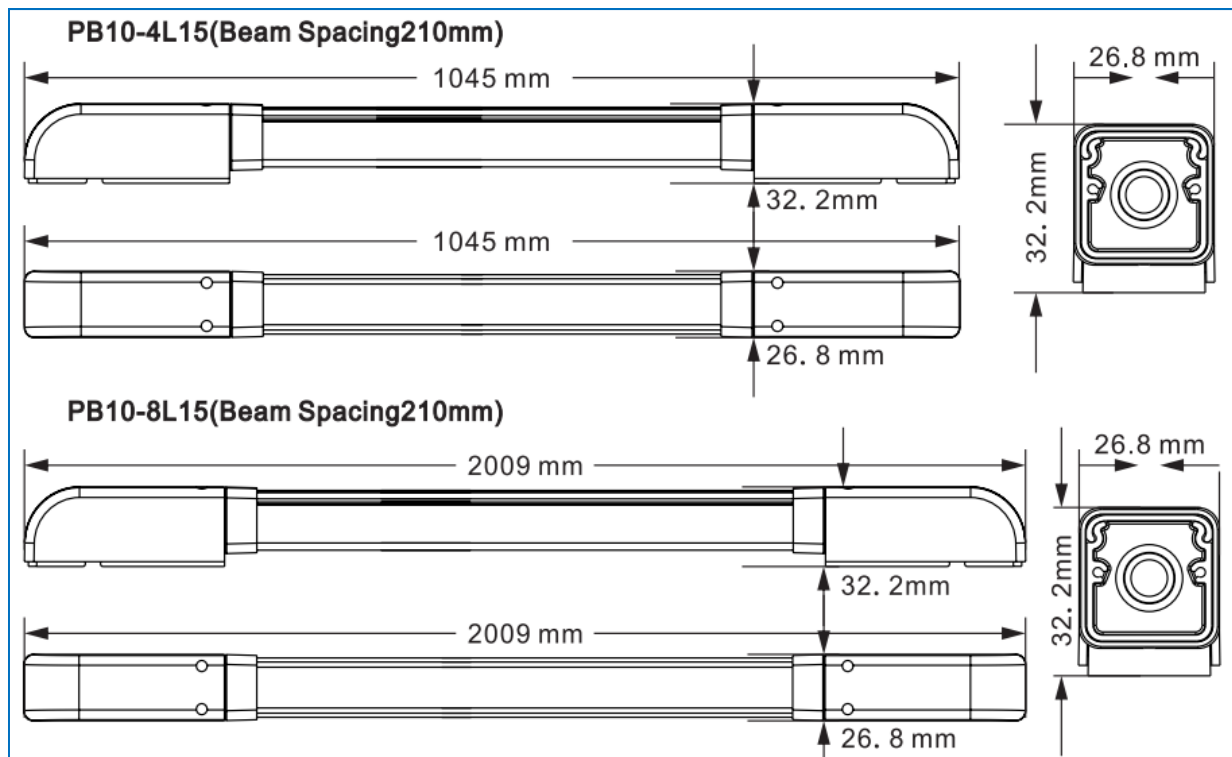
## SafePass JT Safety Light Curtain features include:

- 1-15 metre sensing range
- 4-8 parallel scanning beams
- Option to increase to 16 beams
- Compact aluminium IP65 housing
- Power, output and system status indicators
- 12-24 V dc supply voltage
- Unique infrared technology, can be used under direct sunlight, has a stable detection distance of 15 metres
- Full 180 degree rotation angle for easy installation
- Multiple relay output modes
- Built-in relay signal can be connected to an alarm

## Technical Specifications

SafePass JT Safety Beams	JT 10	JT 20
Number of Beams	4	8
Height	1000mm	2000mm
Detection Distance	15m	15m
Working Voltage	DC12-24V	DC12-24V
Transmitter Operating Current	<50mA	<50mA
Receiver Operating Current	<50mA	<50mA
Response Time	50/100/150/200ms adjustable	
Transmitter Operating Current	<50mA	<50mA
Trigger Time	Block 1 beam, trigger in 2 seconds, block adjacent 2 beams or more, trigger immediately	
Induction Method	Single beam trigger or multi-beam trigger (can be selected)	
Working Temperature	-10~60°C	-10~60°C
Ambient Temperature	90% Max; (No condensation)	
Alarm Output	Wired Output, relay Output 30VDC@2A, 125VAC@1A	
Ouput Way (Wired Model)	Wired transmission, (NO/NC)	
Rotation Angle	180 degrees horizontal	
IP Level	IP 65	
Material	Aluminium Alloy and Polycarbonate	

## Dimensions



Rotech supply all forms of door and gate automation

### Vehicle Access Control

- Booms Gates
- Sliding Gates
- Swing Gates
- Industrial Door Openers
- Solar Powered Gate Openers

### Pedestrian Access Control

- Full Height Turnstiles
- Waist Height Turnstiles
- Supermarket Gates/Turnstiles
- Wheelchair Access Gates
- Rapid Access Gates

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