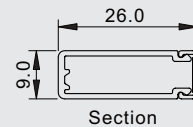
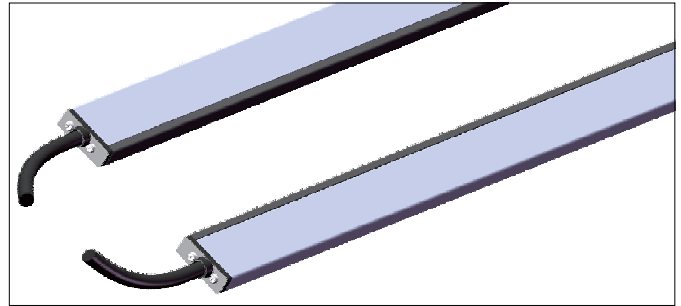


Description

- 0-3 m sensing range
- 100 cross scanning beams
- 18 - 30 V dc supply voltage
- Power, output & status indicators
- Output: NPN electrode collector N/C
- Reverse polarity protection
- IP54 versions available
- EN81-20 compliant



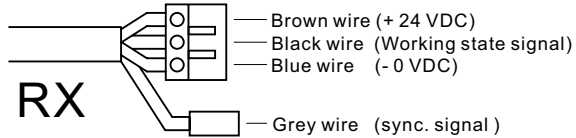
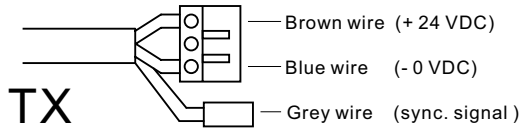
Technical Data

Supply voltage	18 - 30 V dc		
Current consumption	Max. 150mA		
Output rating - max sink current	250mA		
Short circuit protected	Yes		
Reverse polarity protected	Yes		
Number of infrared sensor	34		
Number of cross scanning beams	100		
Detection Range	0 - 3 m		
Sensor spacing	48 mm		
Bottom spacing to Ch1	22 mm		
Pinch point beam spacing	24 mm		
Detection status output indicator	Red LED On the top of RX		
Power on indicator	Green LED On the top of RX		
Output signal	NPN collector output Normally closed		
Response time	10 - 100 ms		
Installation tolerances	Angle: $\pm 5^\circ$		
	Horizontal: ± 4 mm		
	Vertical: ± 10 mm		
Cable, PVC \varnothing 6 mm (TX / RX)	3.4m cable - TX: $3 \times 0.5 \text{ mm}^2$ / RX: $4 \times 0.5 \text{ mm}^2$		
Housing dimensions (L x W x T)	1856 x 26 x 9 mm		
Housing material	Aluminum / PVC		
Installation kit	Instructions	1part	
	M4 x 14 Screw	7pcs	
	M4 nut	21pcs	Hexagon Key 1pcs
	M4 flat washer	28pcs	Car Wall Clamps 7pcs
	M4 lock washer	28pcs	cable clamp 10pcs
	M4 x 16 Socket Head Cap Screws	21pcs	

Environmental Data

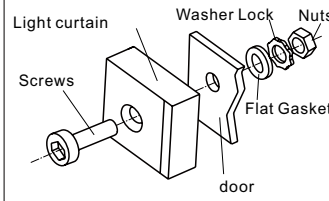
Light immunity @ 5° incidence	> 100,000 lux
Temperature, operation	0 to +55 °C
Temperature, storage	- 20 to +60 °C
Sealing class	IP 54
Vibration resistance	10 to 55Hz 4hrs per X-Y-Z axis, sinusoidal 30Hz rms 0.5hrs per X-Y-Z axis
Environment test (H&L temperature)	IEC60068.1 — IEC60068.4
Approvals general circuit level	EMC: EN12015, EN12016

Wiring Diagrams

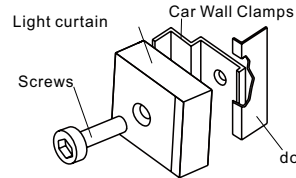


Please ensure the grey wire from TX is connected to the grey wire from RX

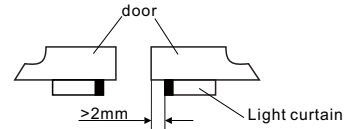
Installation



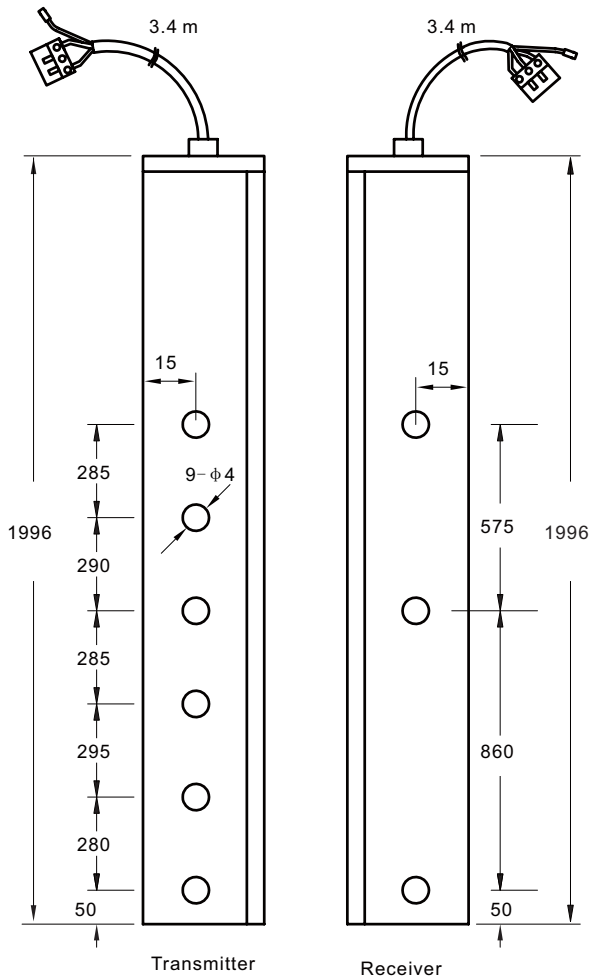
SILL END FIXING
Secure 'The Transmitter & Receiver' to profile using: M4 Screws provided (Hexagon key is provided)
LANDING SIDE DOOR FIXING
Secure 'Slimscreen to Door' using: M4 Screws provided (4.5mm Dia hole in door required).
See illustration.



SLAM POST FIXING
Secure 'The Transmitter' to car front wall with clips provided using: M4 Screws (Hexagon key is provided)
Secure 'Receiver' to sill end profile (see illustration)

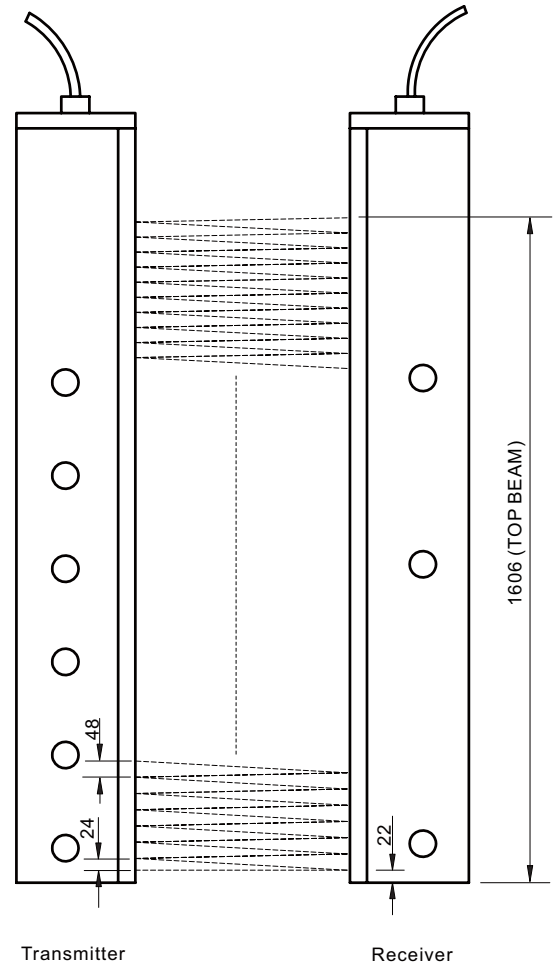


Dimensions and Descriptions



(Units in mm)

Beam Patterns



(Units in mm)