

Light Curtains



- **Vibration proof.**
- **Fully encapsulated.**
- **IP67 degree of protection.**
- **Small housing dimensions.**
- **Installation in door guide is possible.**
- **Supplied with 1 x 5M & 1 x 15M plug in cables.**
- **Draw in detection.**
- **Electrical synchronisation.**
- **Standardized beam allocation.**
- **Special “partial opening” function.**
- **Available in 2M and 2.5M heights.**
- **Standard optical safety edge output.**
- **Complies with EN12453 and EN12978.**
- **Alignment mode to aid alignment.**
- **Auto range selection.**
- **Direct mount or +/- 10° angular adjustable mounting brackets available.**
- **Blanking function can be turned on or off.**

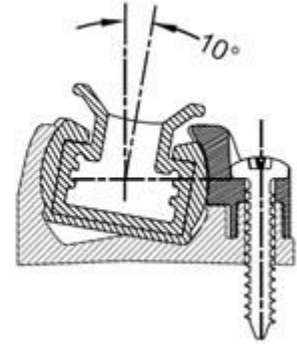
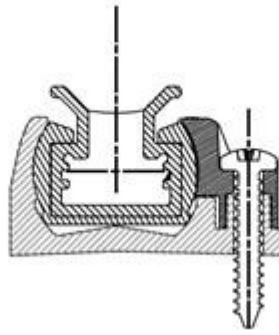
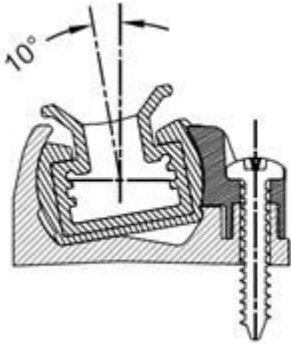
The safety light curtain has been developed especially for the door industry application and respects current standards.

Due to the very small housing and sequential beam isolation, it can be installed directly in the door frame, covering the leading edge of the door.

The new type of encapsulation protects the electronic components, makes it vibration proof and assures a IP67 high degree of protection.

Condensation of the enclosed air volume as to be found in traditionally manufactured light curtains will no longer be the case.

Technical Information



Ambient light safety: 100klux
Housing material: Alu-profile encapsulated with 2K-epoxy resin
Connection: pig-tail connector, l=130mm
Degree of protection: IP67 according to EN60529
Operating temp: -20°...+60°C
Storage temp: -30°...+70°C
Size (L x W x D): Code: 33-1037 = 1.92M x 16mm x 16mm ³ 33-1038 = 2.64M x 16mm x 16mm ³


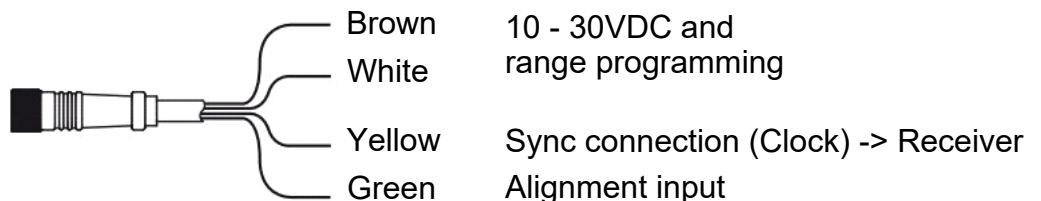
Operating range: 1.6...10m	
Operating Voltage: 10 – 30VDC	
Current Consumption: Transmitter: Approx. 30mA Receiver: Approx. 20mA (@24VDC)	
Power consumption: Approx. 1.2W	
Protective field height: Code: 33-1037 = 1.8M Code: 33-1038 = 2.5M	Beam Spacing: < 495mm = 45mm > 495mm = 180mm
Beam count: 19 + 23	
Draw in detection: included up to 1072mm	
Type of light IR, 850nm, alternating light	
Beam angle: Max. ± 5° as per IEC 61496-2	
Output: 950Hz rectangular signal - Standard optical safety edge signal	
Output current: 25mA	
Response time: <50ms	
Drop-out time: <100ms	
TÜV Nord Compliant to: EN 12978 EN ISO 13849 Cat. 2, PLd IEC 61496-2 EN 12445 Chap. 7 EN 12453 Chap 5.5.1 C + D and E device EN 12978	

Connection cables 5m and 15m
Connection plug pig-tail connector,
4pin, l-130mm



Transmitter Connection Cable

Yellow 2 4 Green
Brown 1 3 White

Receiver Connection Cable

Yellow 2 4 Green
Brown 1 3 White

