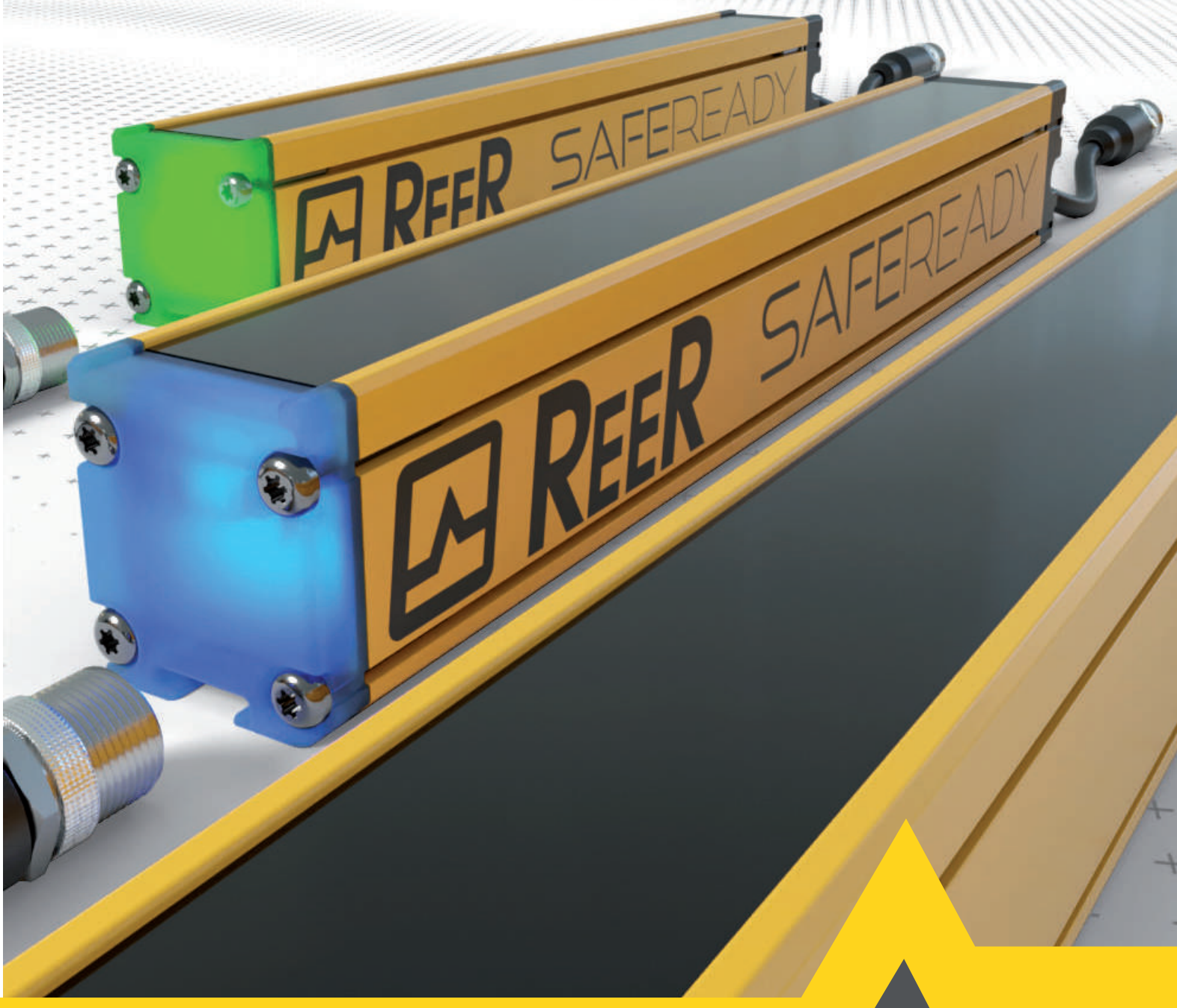
REER

Your future's safe!

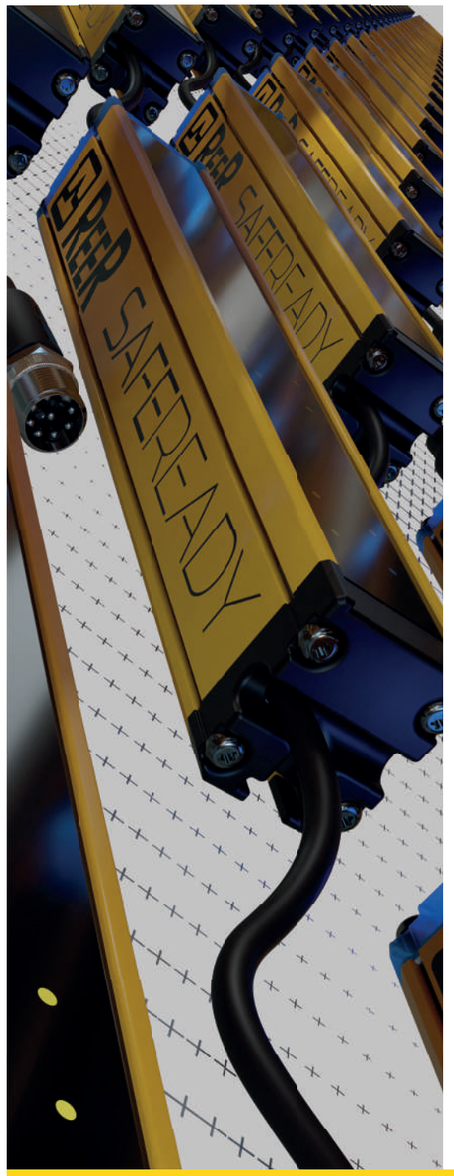


SAFEREADY

compact configurable safety light curtains

Short form

A comprehensive range for all applications



Three models

- **Basic Model** with automatic restart
- **Standard Model** with Start/Restart interlock and External Device Monitoring (EDM) functions integrated
- **Plus Model** with integrated safety functions and configurable Blanking function. Configuration through Bluetooth connectivity

Zero Dead Zone on Both Sides

Cable can be bended in three directions.



Shock and vibration resistant

Two Different Beam Codes

To avoid interference, the beams can be configured with two different codes.

Beam Alignment Aid

4 LEDs located on the front of the light curtains allow the operator to check the correct alignment between emitter and receiver. On Plus models, this functionality is also visible on a smartphone via APP.

COMING SOON

Cascade connection Master/Slave

Up to 4 barriers with different resolutions and heights can be connected in series. Two connection options are available: simplified for all Plus models; head-to-head cascade for dedicated M&S Plus models.

The new compact, integrated and configurable safety light curtains



SAFETY LEVEL
TYPE 4
SIL 3 - Max SIL 3
PL e - Cat. 4

1. Compact design. Aluminum casing (Powder-coated)
2. No dead zone on both sides
3. Integrated multi-colours status lamp
4. Finger, Hand and Body detection and Multibeam for access control
5. Protected height up to 2 metres
6. IP65 and IP67
7. Bluetooth connectivity
8. Fixed and floating Blanking function
9. Low range: from 0 to 8 m
   High range: from 5 to 18 m
10. Status indicating display, including alignment aid
11. Operating temperature: -30 ... +55° C. Ideal even in refrigerated areas

COMING SOON

12. Muting function
13. Cascade connection (Master/Slave)
14. PSDI (Presence Sensing Device Initiation) mode
    Single break or Double break configurable.
    This operation mode is often used on presses and moulds

The ideal choice for multiple industrial applications










Models

Basic Models

- Automatic restart
- Beam Alignment Aid
- Beams coding

Standard Models

- External device monitoring(EDM)
- Manual or automatic Start/Restart
- Beam Alignment Aid
- Beams coding

Plus Models

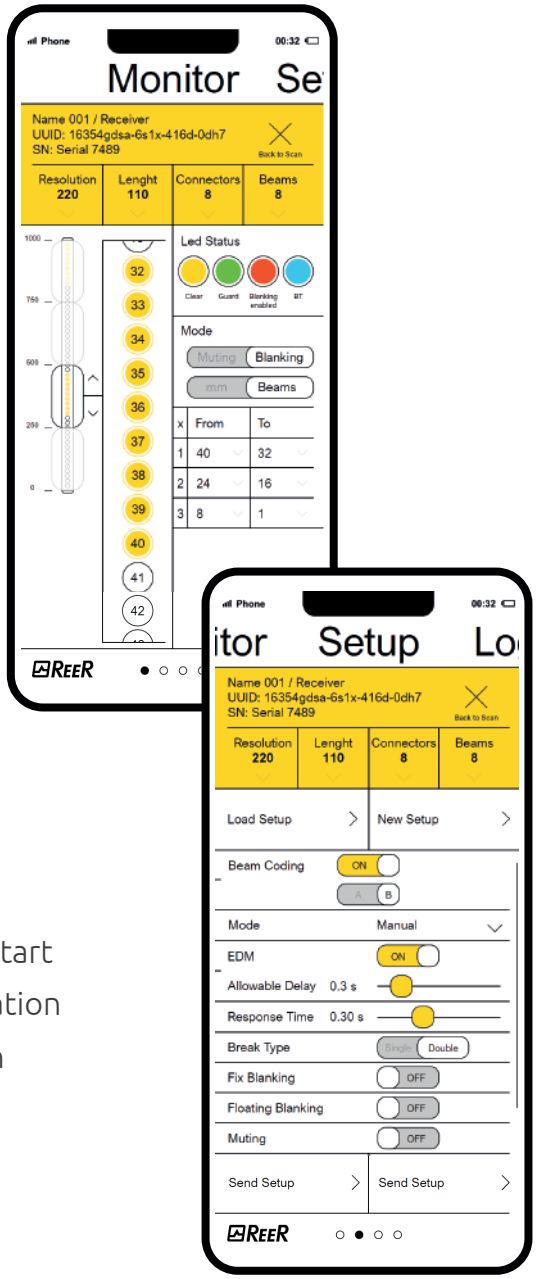
- Configurabe via Bluetooth connectivity
- External device monitoring(EDM)
- Manual or automatic Start/Restart
- Fixed or floating Blanking function
- Beam Alignment Aid
- Beams coding

Bluetooth Connettivity

Monitoring

The following features of the connected light curtains can be displayed:

- **Product details** (name, identifier, serial number)
- **Phisical characteristics** (resolution, lenght, number of beams, connectors)
- **Beams status** (free, interrupted) with an indication of their position along the length of the light curtain
- **LED status**
- **Operation mode** (Blanking, Muting) with an indication of the beams or heights involved in the function



Configuration

Setup configuration:

- Beam coding
- Automatic or manual restart
- Response time configuration
- Enable Blanking function (fix or floating)







Technical Data

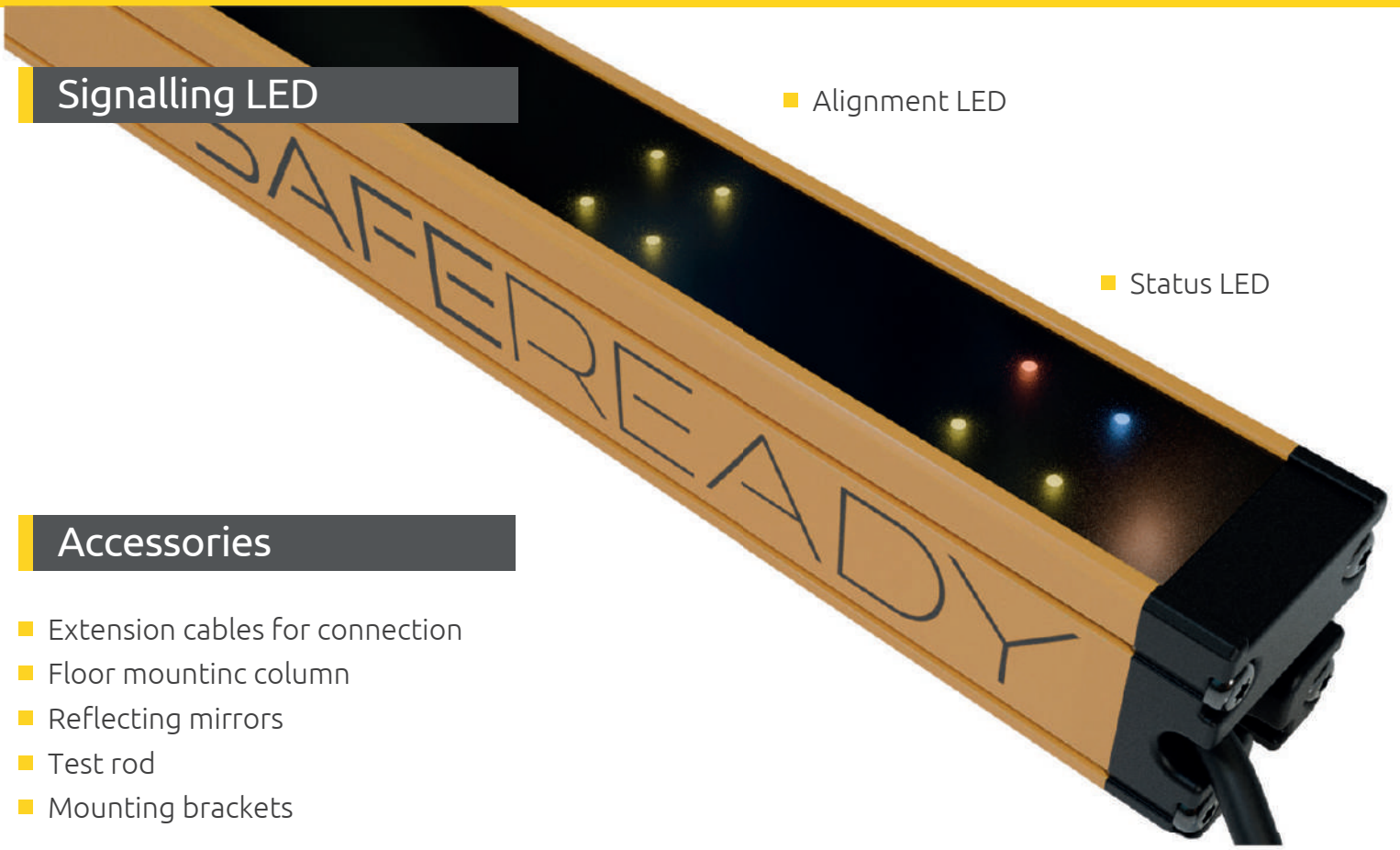
Finger, Hand and body detection	Resolution (mm)	14 20 30 40 50 90
Access control	Number of beams	2 3 4
Range	Low range (m): 0 ... 8 High range (m): 5 ... 18 (8 m for 14 mm resolution models)	
Mechanical characteristics		
Operative temperature	-30 … +55 °C	
Storage temperature	-30 … +70 °C	
Controlled height (mm)	150 ... 2000	
Protection degree	IP65/IP67	
Shock resistance	Classe 3M7 (25 g) according to C EI EN 60068	
Vibration resistance	5 … 150 Hz Classe 3M7 (10 mm / 3g) according to C EI EN 60068	
Electrical characteristics		
Power supply	24 Vcc ± 20%	
EDM	feedback input for external contactors monitoring	
Inputs	4 programmable inputs	
OSSD	2 putputs (400 ma at 24 VDC)	
Response time (ms)* *Varies according to the number of beams of the light curtains	Uncoded beams: 4 ... 27 Coded beams: 10 ... 40	

Signalling Lamp



Break
Guard
Clear blinking (waiting for restart)
Enabled Blanking
Bluetooth connection

Signalling LED



- Alignment LED
- Status LED

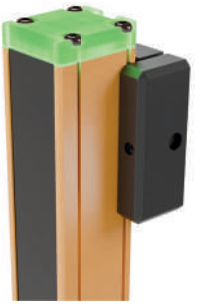
Accessories

- Extension cables for connection
- Floor mountinc column
- Reflecting mirrors
- Test rod
- Mounting brackets



Standard brakets (included in the packaging)

Special mounting brackets (options)



Fast-coupling brackets



Flat brackets



Adjustable brackets

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since 1959

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