





# your technological partner since 1959

product overview and company profile



# Since 1959

ReeR was established in 1959 to distribute components for industry, lighting and home automation.

By the mid-70's the first safety sensors were developed, and afterwards the first light curtains were produced.

Today ReeR is both the **Italian leading company** and one of the **main world manufacturers of optoelectronic sensors** for industrial safety.

The export activity of the Safety Division outlines the company's **global expertise** and its network of skilled distributors provide an accurate support service to their customers based in more than 60 countries.

# reersafety.com



# Quality

ReeR is committed to continuously improving its quality management processes by minimizing the defective returns and ensuring a very high product reliability.

Product traceability and production process control are ensured by a ReeR proprietary management software.

The ReeR product quality is guaranteed by the Quality System certified by TÜV Italia according to the ISO 9001:2008 standard.

# Know-how

Technological excellence and application know-how emobody the spirit of ReeR.

15% of the personnel is employed in the R&D department, with expertise in safety hardware, software and firmware.

Furthermore, ReeR is one of the main players in the standardization process development as it takes part in the most important national and international Organising Committees on machinery safety requirements. If be en Th

Thanks to the experience achieved by cooperating with the world leading companies in the machine tools, automotive, packaging and palletisation industries, **ReeR is able to offer a wide range of safety devices**, such as: light curtains, programmable controllers, photocells and interfaces able to meet each application demand.



If safety in the workplace is essential, it becomes crucial in highly automated environments.

ReeR has always been at the forefront also in the field of optoelectronic curtains for automation, measurement and control.

# Safety and Automation

Access control barrier with integrated Muting functions

The new Safegate Type 4 range of access control barriers is the ideal solution for the protection of a vast number of high-risk industrial applications, in particular those requiring a high level of integration of the Muting functions.

Safegate guarantees the perfect integration of all Muting sensors directly connected to the access control barrier.

guarding Exit-only

SAFEGATE

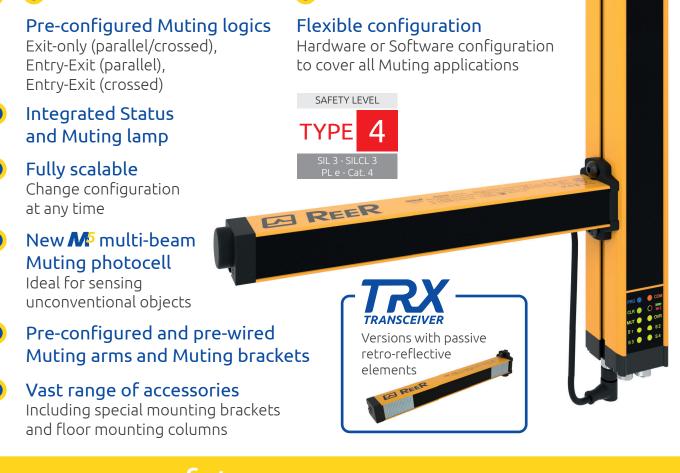
AREER

Access

Entry-Exit (

SAFEGATE ////

access control barriers with integrated Muting functions



## www.reersafety.com

### Also availat SAFETY LEVEL SAFETY LE Safety Light Curtains TYPF Finger, Hand and Body detection CE Resolution 90 20 30 Safety Light Grids Multibeam grids for access control Number of Beams EOS compact safety light Unique features and curtains and a comprehensive range grids Cascade connection of two or three light curtains No blind area on one side

### Standard models

EOS4 A Type 4 Safety Light Curtains with Automatic Restart

EOS4 AH Type 4 Safety Light Curtains with Automatic Restart (Longer Range)

### Integrated functions models

EOS4 X Type 4 Safety Light Curtains with selectable Automatic/Manual Restart and EDM

EOS4 XH Type 4 Safety Light Curtains with selectable Automatic/Manual Restart and EDM (Longer Range)

EOS4 ATEX Safety Light Curtain for explosive atmosphere

WTF and WTHF models IP69K certified Ecolab food-graded

**Operating range** Up to 20 metres

**Protected** height 160 to 2260 mm





JS

# MOSHE

# modular safety integrated controller

Configurable

Scalable

Validated

Free Designer Software

Simulator function Mosaic is a safety hub able to manage all safety functions of a machinery or a plant.

Mosaic can manage safety sensors and signals such as light curtains, photocells, laser scanners, emergency stops, electromechanical switches, guard-lock safety door switches, magnetic switches, RFID switches, safety mats and edges, two-hands controls, hand grip switches, encoders and proximities for safety speed control.



### Master Units Can work as Stand-alone

M1 8 digital inputs 2 double OSSD safety outputs M1S 8 digital inputs 4 single (or 2 double) OSSD (SIL 3, PL e) safety outputs

**AREER** Your future's safe!

### Full System M1/M1S + 14 expansions

SAFETY LE

CE

SIL

Up to 128 Digital Inputs Up to 32 Fieldbus Inputs Up to 32 Safety Outputs Up to 48 Status Outputs Up to 128 MSD Operators measurement and automation light curtains

10

# Beam spacing Measure Count 30 Detect

Micron

Light curtains for industrial and civil applications where it is necessary to detect, measure, and recognise objects.

VEL

Depending on the number and position of the beams engaged by an object, Micron can provide real time information to a PLC or PC in order to: detect the presence or absence of objects, perform a count, detect a position, detect a shape or a profile, measure dimensions.

### **Micron** A

Ideal for object measurement and detection of dimensional limits.

AV (0/10 VDC) analogue output, AC (4/20 mA) analogue output.

### **Micron B**

#### Ideal for dimensional measurement, detection of object profile and position.

RS 485 serial line and two solid state outputs 0/24V with programmable functions.

### Micron C

(F

Ideal for piece counting and detection of object presence/absence in the controlled field.

Two solid state antivalent outputs 0/24V (ON/OFF) without the need of programming.



#### 60 years of quality and innovation

Founded in Turin, Italy in 1959, ReeR distinguished itself for its strong commitment to innovation and technology.

A steady growth throughout the years allowed ReeR to become a point of reference in the safety automation industry at a worldwide level.

The Safety Division is in fact today a world leader in the development and manufacturing of safety optoelectronic sensors and controllers.

ReeR is ISO 9001, ISO 14001 and BS OHSAS 18001 certified.



#### **ReeR SpA**

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