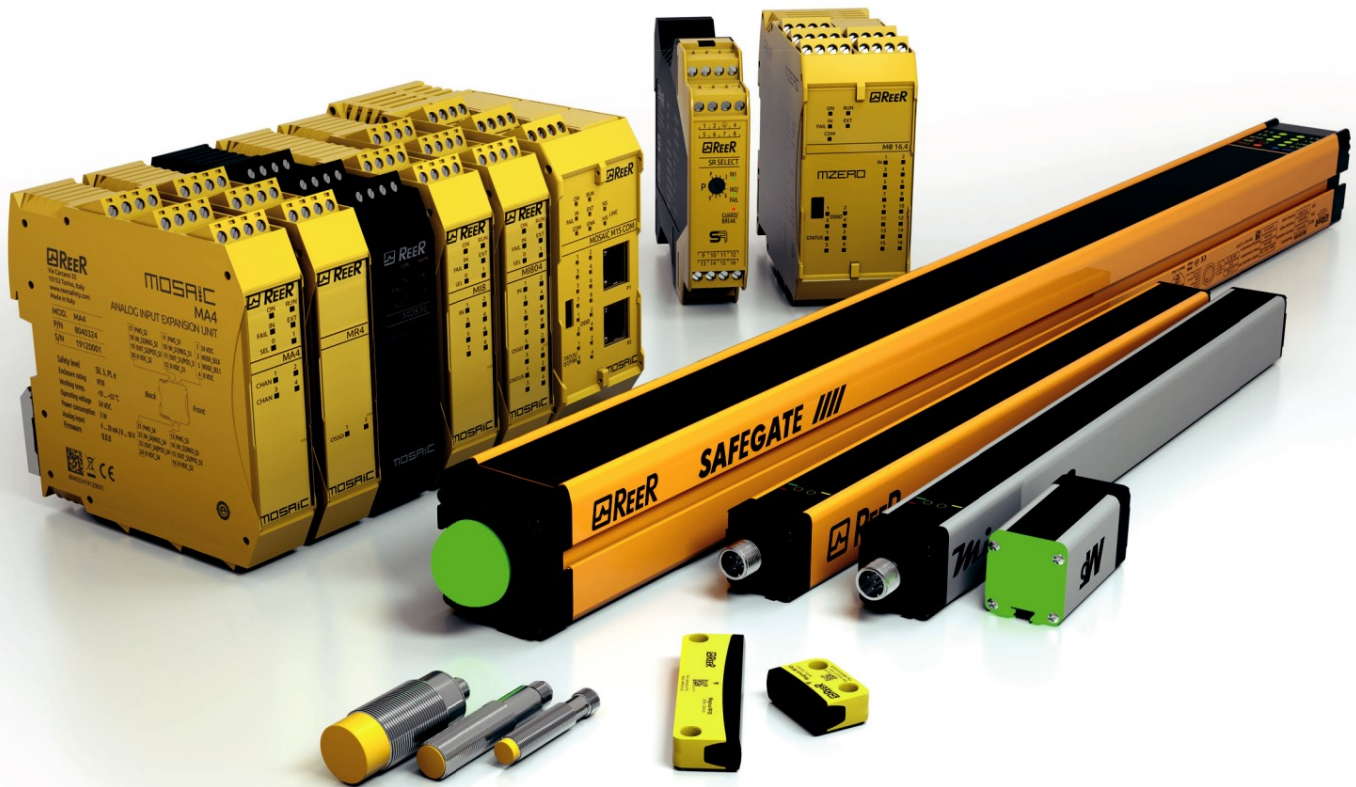![ReeR logo] **ᔕReeR**

Your future's safe!

Your Technological Partner Since 1959

product overview and company profile

Watch the video!

Quality

ReeR is committed to continuously improving its quality management system by minimizing defective returns and ensuring high product reliability.

Product traceability and production process control are delivered using ReeR's proprietary management software.

Product quality is guaranteed by the TÜV certified Quality System according to the ISO 9001 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 safety in the workplace is essential, it becomes crucial in highly automated environments.

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.

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

Safety and Automation

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

since 1959
Made in Italy

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.

Access guarding

Exit-only

Entry-Exit

SAFEGATE ////

access control barriers with integrated Muting functions

Pre-configured Muting logics
Exit-only (parallel/crossed),
Entry-Exit (parallel),
Entry-Exit (crossed)

Flexible configuration
Hardware or Software configuration to cover all Muting applications

Integrated Status and Muting lamp

Fully scalable
Change configuration at any time

New M5 multi-beam Muting photocell
Ideal for sensing unconventional objects

Pre-configured and pre-wired Muting arms and Muting brackets

Vast range of accessories
Including special mounting brackets and floor mounting columns

SAFETY LEVEL

TYPE 4

SIL 3 - SILCL 3
PL e - Cat. 4

CE UKCA c(UL)us LISTED ESPE

TRX
TRANSCEIVER
Versions with passive retro-reflective elements

Safety Light Curtains

Finger, Hand and Body detection

Also availab

SAFETY LEVEL

TYPE **4**

SIL 3 - SILCL 3
PL e - Cat. 4

SAFETY LE

TYPE

SIL 1 - SILC
PL c - Cat

Resolution   14   20   30   40   50   90

Safety Light Grids

Multibeam grids for access control

Number of Beams   2   3   4

EOS

compact safety light curtains and grids

Unique features and a comprehensive range

Cascade connection of two or three light curtains

No blind area on one side

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

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*)

MOSAIC

modular safety integrated controller

- ### Configurable
- ### Scalable

Validated

Free Designer Software

Simulator function

Remote connections

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/proximities for safety speed control and analogue sensors
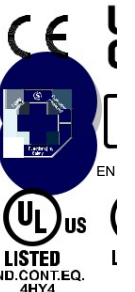
Master Units
Can work as Stand-alone

Full System
Master Unit + 14 expansions

Mosaic M1	Mosaic M1S	Mosaic M1S COM	
8 digital inputs	8 digital inputs	8 digital inputs	Up to 128 Digital Inputs
2 double OSSD safety outputs	4 single (or 2 double) OSSD (SIL 3, PL e) safety outputs	4 single (or 2 double) OSSD (SIL 3, PL e) safety outputs	Up to 32 Fieldbus Inputs Up to 32 Safety Outputs
		Integrated fieldbus interface	Up to 48 Status Outputs Up to 128 MSD Operators

ReeR *Your future's safe!*

Micron

Now with IO-Link

measurement and automation light curtains

Measure
Count
Detect

Beam spacing

5 10
253
507

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

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

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.

Micron IOL

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

Outputs with IO-Link protocol.

CE

UK CA

c UL us LISTED

VEL

3

CL 3 t. 4

JK CA

8120/50

UL LISTED SRCD 4VK5
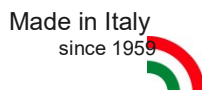
ReeR

Your future's safe!

More than 60 years of quality and innovation

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

ReeR's steady growth since its inception is a result of being a leader in the global safety automation industry.

Today, the Safety Division is a world leader in the development and manufacturing of safety optoelectronic sensors and controllers.

ReeR is ISO 9001, ISO 14001 and ISO 45001 certified.

Made in Italy
since 1959

Distributed in Canada by:

EA COMPONENTS
PRODUCTS FOR INDUSTRIAL AND BUILDING AUTOMATION

Phone: 289-312-0900
T-Free: 844-416-2543
Web: www.ea-components.com
Email: sales@ea-components.com

FSC
MISTO
Carta da fonti gestite in maniera responsabile
FSC® C109382