XUSL4M Type 4 Safety Light Curtains with integrated muting function

Efficient protection of machine operators with uninterrupted automation processes

The new Safety Light Curtains from Telemecanique Sensors help protect machine operators while allowing the temporary suspension of safety-related functions for designed automated processes.

Modular and simple to use
The new XUSL4M Safety Light Curtains from Telemecanique Sensors come in basic or advanced models and can be fitted with a range of available muting arm options to fit your specific application. This optimized range of light curtains have embedded safety functions such as Automatic or Manual start/restart and External Device Monitoring (EDM) allowing a standalone operation (i.e. without a safety interface).
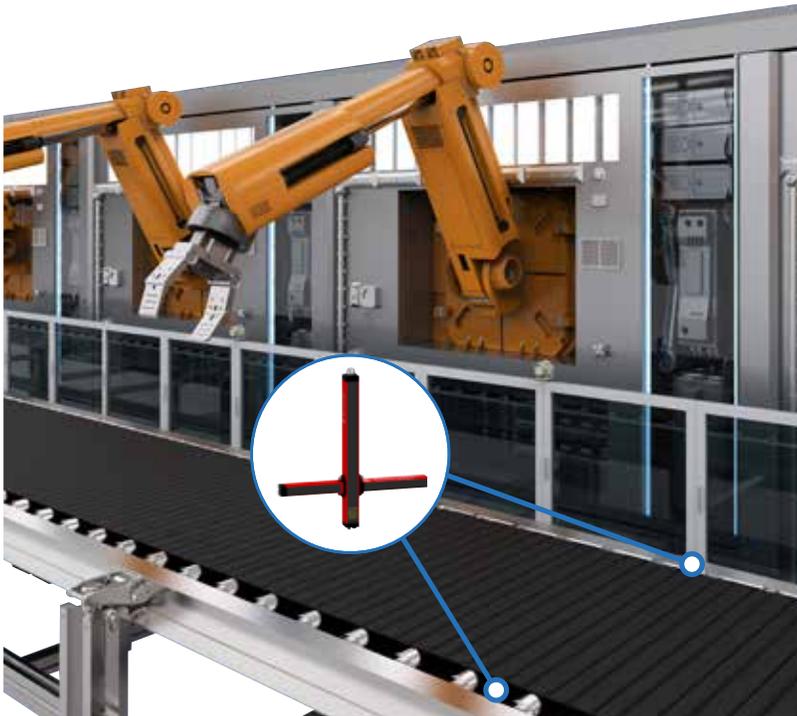
Easy to adapt and install
Many of the available muting arms for the XUSL4M Safety Light Curtains from Telemecanique Sensors come pre-built and pre-adjusted to comply with existing safety regulations. Some arms are specifically designed for high speed conveyors, while others are designed for the detection of transparent objects.
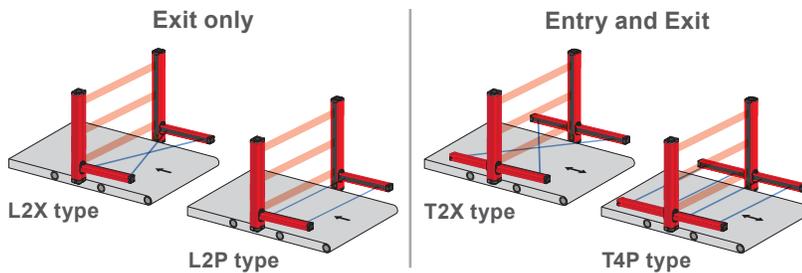
Flexible muting configurations
The new XUSL4M Safety Light Curtains from Telemecanique Sensors include free software which allows easy configuration of numerous operational muting parameters (available on advanced models).

Simply easy!

Telemecanique Sensors

Features

Basic Model

- Configurable hardware
- Complete muting only
- External muting lamp output
- 2, 3, or 4 beams
- Resolutions 30mm (HP:310...1510mm) & 40mm (HP:910...2260mm)
- Type 4 - SIL3-Ple/Cat. 4 - Standalone

Advanced Model

- Configurable hardware & software
- Complete muting and partial muting
- Integrated status and muting lamp
- 2, 3, or 4 beams
- Resolutions 30mm (HP:310...1510mm) & 40mm (HP:910...2260mm)
- Type 4 - SIL3-Ple/Cat. 4 - Standalone

Characteristics

- Preventa XUSL light curtains for hand or body detection.
- Sensing distance up to 12m (39.3')
- Response Time: 5.5...20.5ms
- Electrical Connection: M12, 5 pin or 12 pin
- Degree of protection: IP65 & IP67
- Temperature: -30°...+55° C (-22° to 131° F)

Wide range of pre-built muting arms suitable for all muting types

Exit only

L2X type

L2P type

Entry and Exit

T2X type

T4P type

Part Numbers

XUSL Type 4 Body detection PLe/Cat4 - SIL3	Height protected - Number of beams	Sensing distance 0...4m (13.1') or 0...12m (39.3') selectable — Automatic or manual start/restart, External Device Monitoring (EDM), and Integrated muting (1) (4)
	510mm (20.0") - 2 beams	XUSL4MA2BB051N (2)
		XUSL4MB2BB051N (3)
	810mm (31.8") - 3 beams	XUSL4MA3BB081N (2)
		XUSL4MB3BB081N (3)
	910mm (35.8") - 4 beams	XUSL4MA4BB091N (2)
		XUSL4MB4BB091N (3)

(1) Possible association with pre-built/pre-adjusted muting arms XUSZAS* (single beam muting sensors) or XUSZAM* (multibeam muting sensors) or individual muting sensors.
(2) Hardware and software configuration (with SoMute software), partial muting and integrated muting lamp
(3) Hardware configuration only
(4) For hand detection, some models are available in 30mm (1.18") and 40mm (1.57") resolutions, in different protected heights.

For our complete selection of sensor solutions, visit www.tesensors.com