ReeR Safegate Light Curtains – Body Protection

Safegate Type 4 access control barriers provide the ideal solution for protection in a wide range of high-risk industrial applications, in particular those requiring a high level of integration of the muting functions. Safegate greatly simplifies seamless integration of muting sensors with light curtain access control barriers

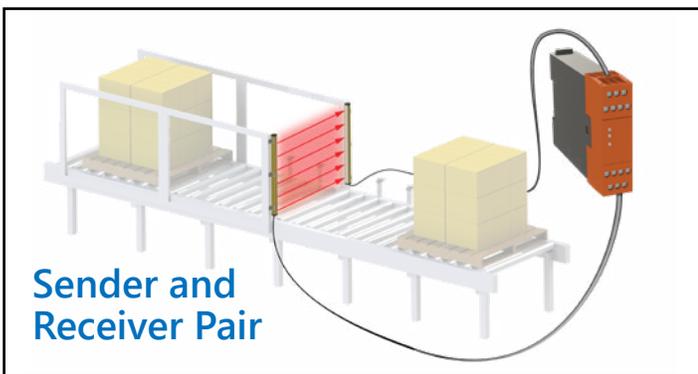## Hardware configuration with integrated status and muting lamp

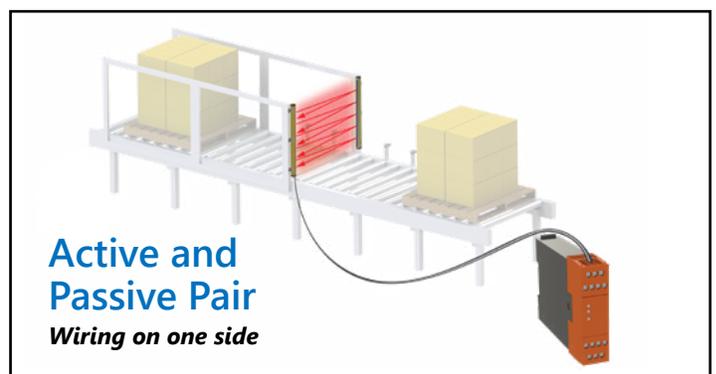**SMO-3B, SMO-4B, SMO-3B-TRX, SMO-4B-TRX**

Hardware or software configuration with integrated status and muting lamp

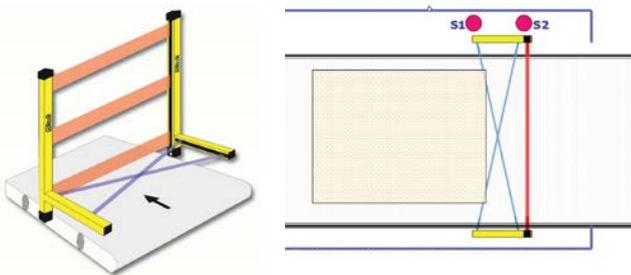
SMPO-3B, SMPO-4B, SMPO-3B-TRX, SMPO-4B-TRX

Sender and Receiver Pair

SMO-3B, SMO-4B, SMPO-3B, SMPO-4B

Active and Passive Pair
Wiring on one side

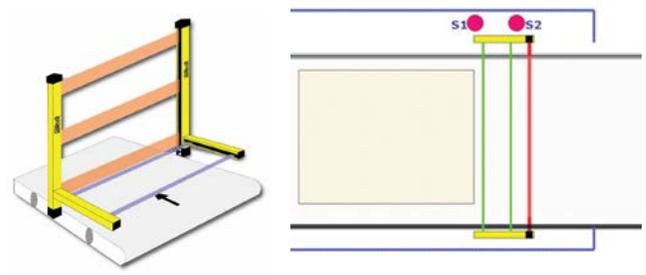**SMO-3B-TRX, SMO-4B-TRX, SMPO-3B-TRX, SMPO-4B-TRX**
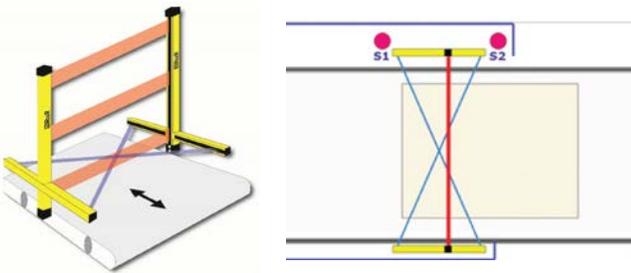
One way (2 sensor) crossed

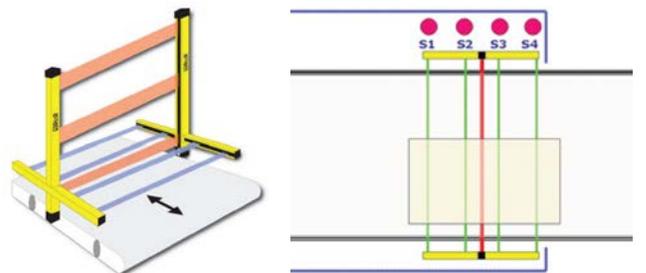**MA-L2X, MZ-L2XP, MZ-L2XP-TRX**

One way (2 sensor) parallel

MA-L2P-TRX, MZ-L2XP, MZ-L2XP-TRX

Two way (2 sensor) crossed

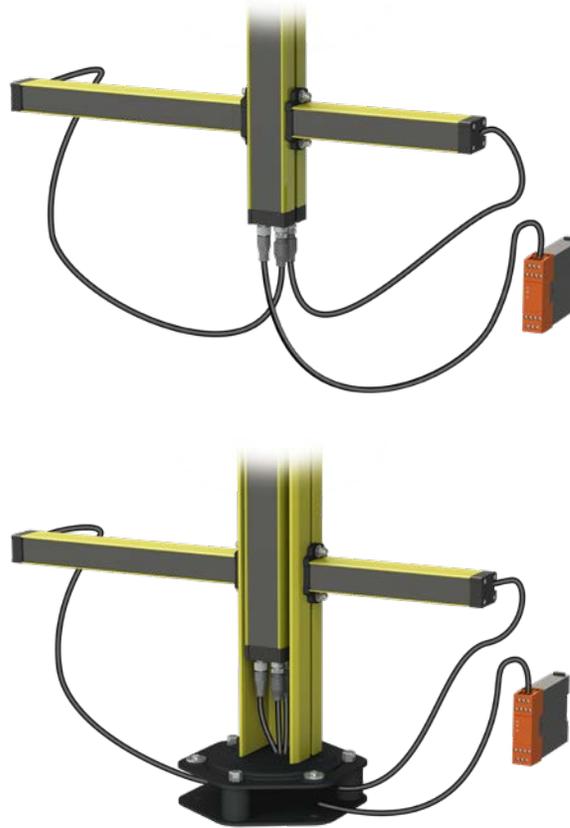**MA-T2X, MZ-T2X, MZ-T2X-TRX**

Two way (4 sensor) parallel

MA-T4P-TRX, MZ-T4P, MZ-T4P-TRX

ReeR Safegate Light Curtains – Body Protection

With Muting Arm/Brackets

Muting Arms:
MA-L2X
MA-T2X
MA-L2P-TRX
MA-T4P-TRX

or

Muting Brackets:
MZ-L2XP
MZ-T2X
MZ-T4P
MZ-L2XP-TRX
MZ-T2X-TRX
MZ-T4P-TRX

Cable
M12 12-pin cable
(See recommended items for cabling)

Light Curtains:
SMO-3B
SMO-4B
SMPO-3B
SMPO-4B
SMO-3B-TRX
SMO-4B-TRX
SMPO-3B-TRX
SMPO-4B-TRX

If a TRX light curtain is selected, then the muting arms/brackets part number should end in TRX as well.

Protective Columns (optional)
FMC-SGB3 (for SMxO-3B or SMxO-3B-TRX)
FMC-SGB4 (for SMxO-4B or SMxO-4B-TRX)

Protective Column Base:
(Required with Protective Column)
FMC-CB (shown)

or

FMC-CBL (not shown)

With Muting Photocells

Photo Cells
M5-A
M5-B
M-TRX-A
M-TRX-B

Y-Splitters
CSY12TX
CSY12RX

Cable
M12 12-pin cable
(See recommended items for cabling)

Light Curtain:
SMO-3B
SMO-4B
SMPO-3B
SMPO-4B
SMO-3B-TRX
SMO-4B-TRX
SMPO-3B-TRX
SMPO-4B-TRX

If a TRX light curtain is selected, then the muting arms/brackets part number should end in TRX as well.
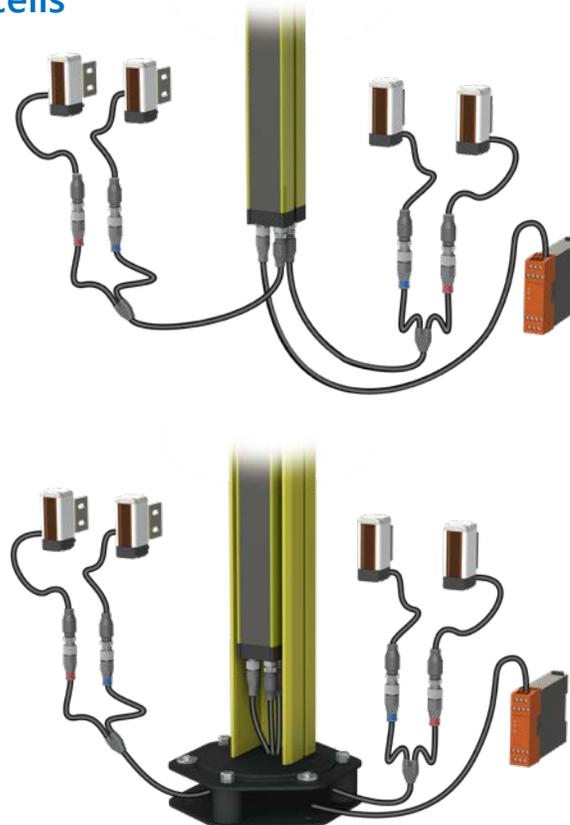
Protective Columns (optional)
FMC-SGB3 (for SMxO-3B or SMxO-3B-TRX)
FMC-SGB4 (for SMxO-4B or SMxO-4B-TRX)

Protective Column Base:
(Required with Protective Column)
FMC-CB (shown)

or

FMC-CBL (not shown)

ReeR Safegate Light Curtains – Muting Arms

Features

- Pre-configured and pre-wired muting arms and muting brackets
- MZ series offers five photo beams per sensor, useful for sensing unconventional objects (only one beam on the TRX versions)
- One way (parallel)
- One way (crossed)
- Two way (parallel)
- Two way (crossed)

MA-xxx Series

MZ-xxx Series

MA-xxx-TRX Series

MZ-xxx-TRX Series

ReeR Safegate Light Curtains – Muting Arms Selection Chart				
Part Number	**Price**	**Description**	**Working Range (m [ft])**	**Dimensional Drawing**
MA-L2X	$348.00	Muting arm, sender/receiver pair, 2 crossed beams, one way	1-2.5 [3.28-8.20]	PDF
MA-T2X	$523.00	Muting arm, sender/receiver pair, 2 crossed beams, two way	1-2.5 [3.28-8.20]	PDF
MA-L2P-TRX	$355.00	Muting arm, active/passive pair, 2 parallel beams, one way	0-3.5 [0-11.48]	PDF
MA-T4P-TRX	$656.00	Muting arm, active/passive pair, 4 parallel beams, two way	0-3.5 [0-11.48]	PDF
MZ-T2X	$549.00	Bracket with M5, sender/receiver pair, 2 crossed beams, two way	1-3.5 [3.28-11.48]	PDF
MZ-T4P	$794.00	Bracket with M5 sender/receiver pair, 4 parallel beams, two way	0-3.5 [0-11.48]	PDF
MZ-L2XP	$406.00	Bracket with M5, sender/receiver pair, 2 crossed or parallel beams, one way	0-3.5 [0-11.48] when parallel 1-3.5 [3.28-11.48] when crossed	PDF
MZ-L2XP-TRX	$407.00	Bracket with M-TRX, active/passive pair, 2 crossed or parallel beams, one way	0-3.5 [0-11.48] when parallel 1-3.5 [3.28-11.48] when crossed	PDF
MZ-T2X-TRX	$476.00	Bracket with M-TRX, active/passive pair, 2 crossed beams, two way	1-3.5 [3.28-11.48]	PDF
MZ-T4P-TRX	$814.00	Bracket with M-TRX, active/passive pair, 4 parallel beams, two way	0-3.5 [0-11.48]	PDF

Safety Products

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Warning: Safety products sold by AutomationDirect are Safety components only. The purchaser/installer is solely responsible for the application of these components and ensuring all necessary steps have been taken to assure each application and use meets all performance and applicable safety requirements and/or local, national and/or international safety codes as required by the application. AutomationDirect cannot certify that our products, used solely or in conjunction with other AutomationDirect or other vendors' products, will assure safety for any application. Any person using or applying any products sold by AutomationDirect is responsible for learning the safety requirements for their individual application and applying them, and therefore assumes all risks, and accepts full and complete responsibility, for the selection and suitability of the product for their respective application.

AutomationDirect does not provide design or consulting services, and cannot advise whether any specific application or use of our products would ensure compliance with the safety requirements for any application.