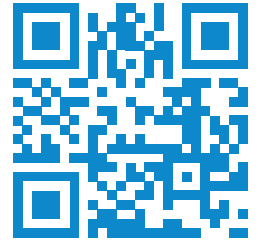


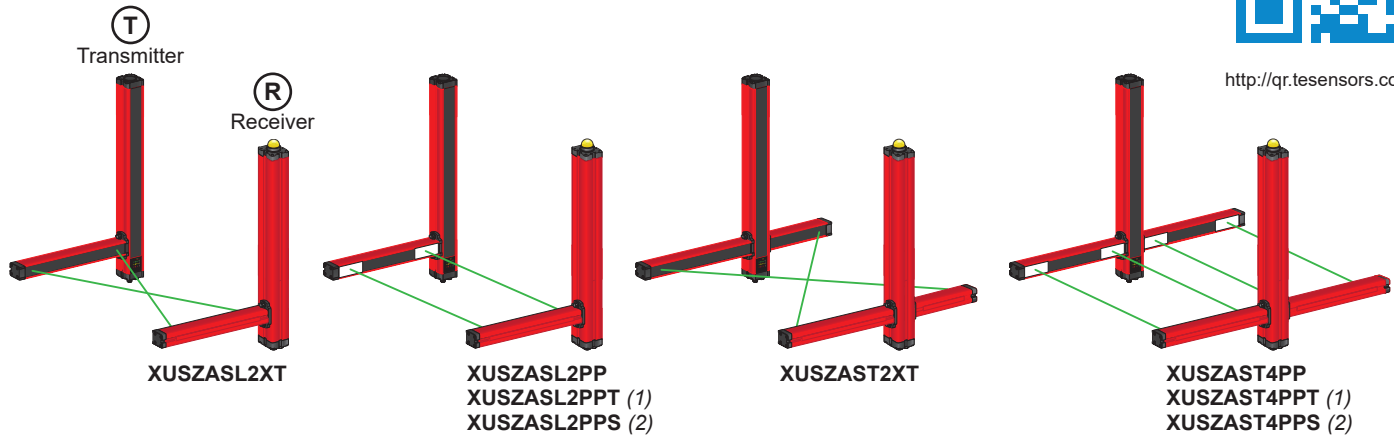
Muting arms with pre-built Single beam muting sensors

(Original Instruction Sheet)

Flash the Qr-code to access the complete User Manual and this Instruction Sheet in different languages.

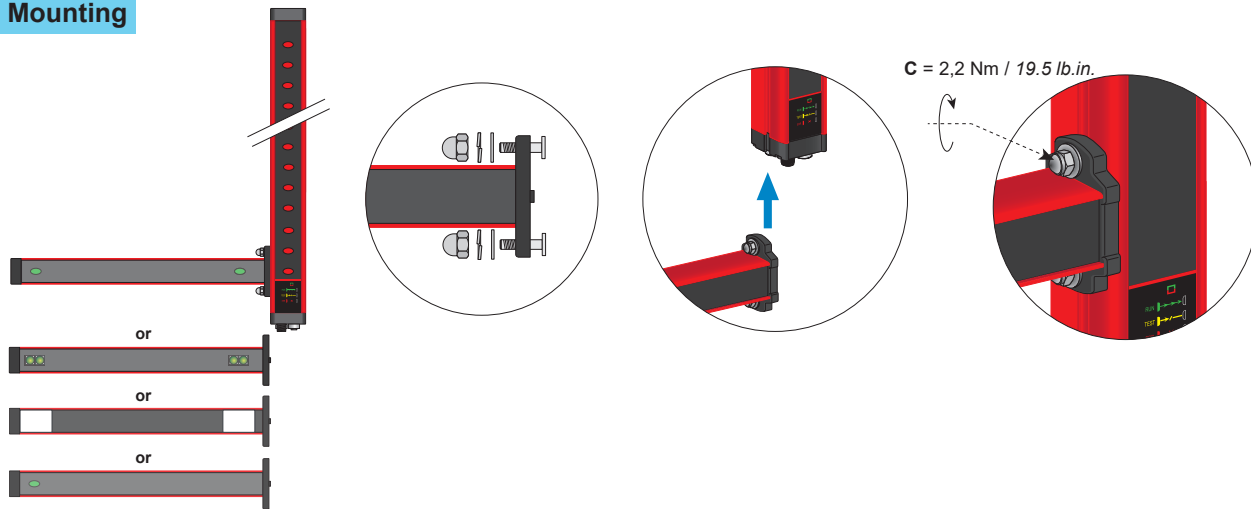


<http://qr.tesensors.com/XU0006>

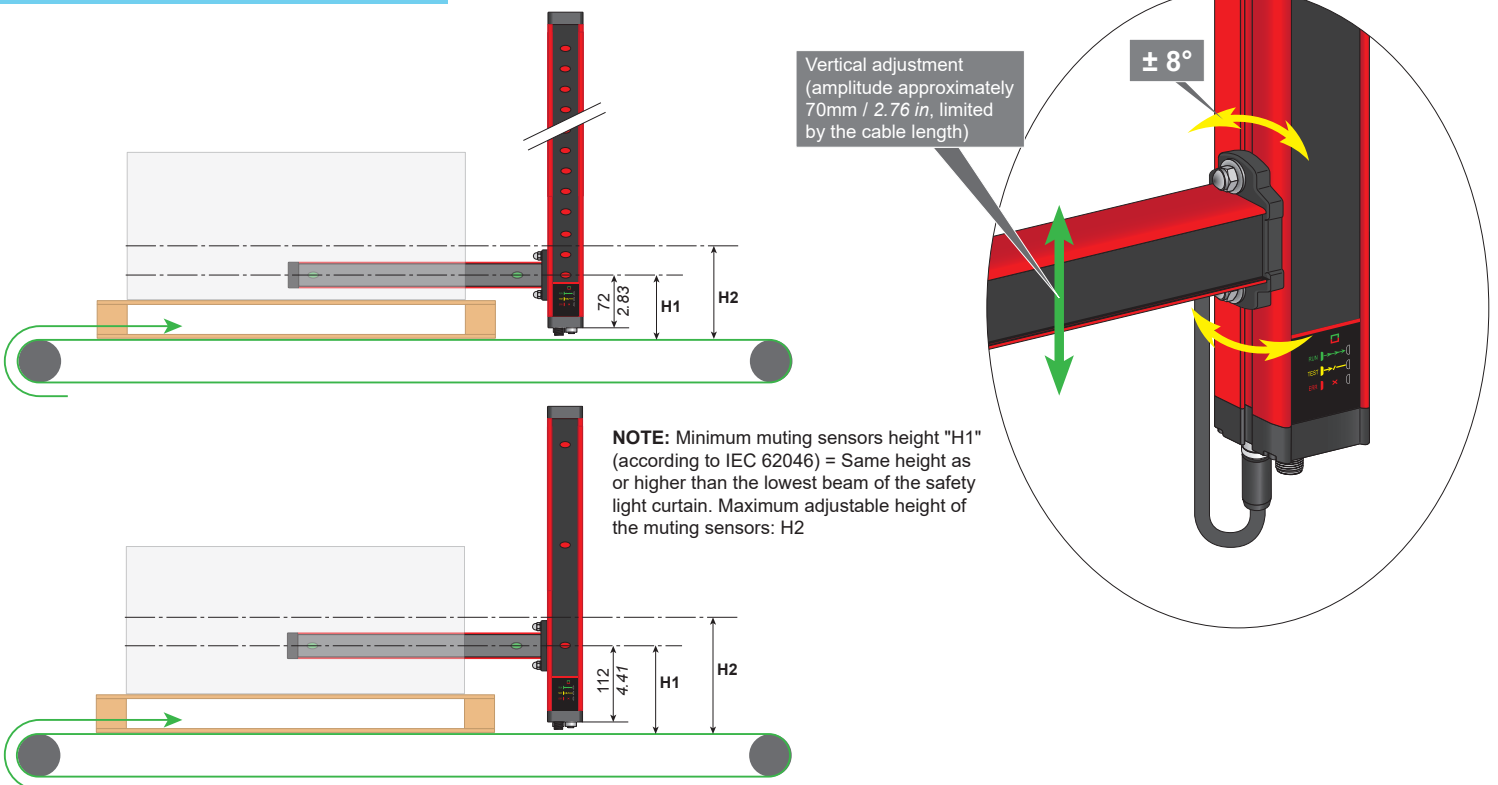


(1): Model for the detection of transparent material.
 (2): Model for high speed conveyors

Mounting

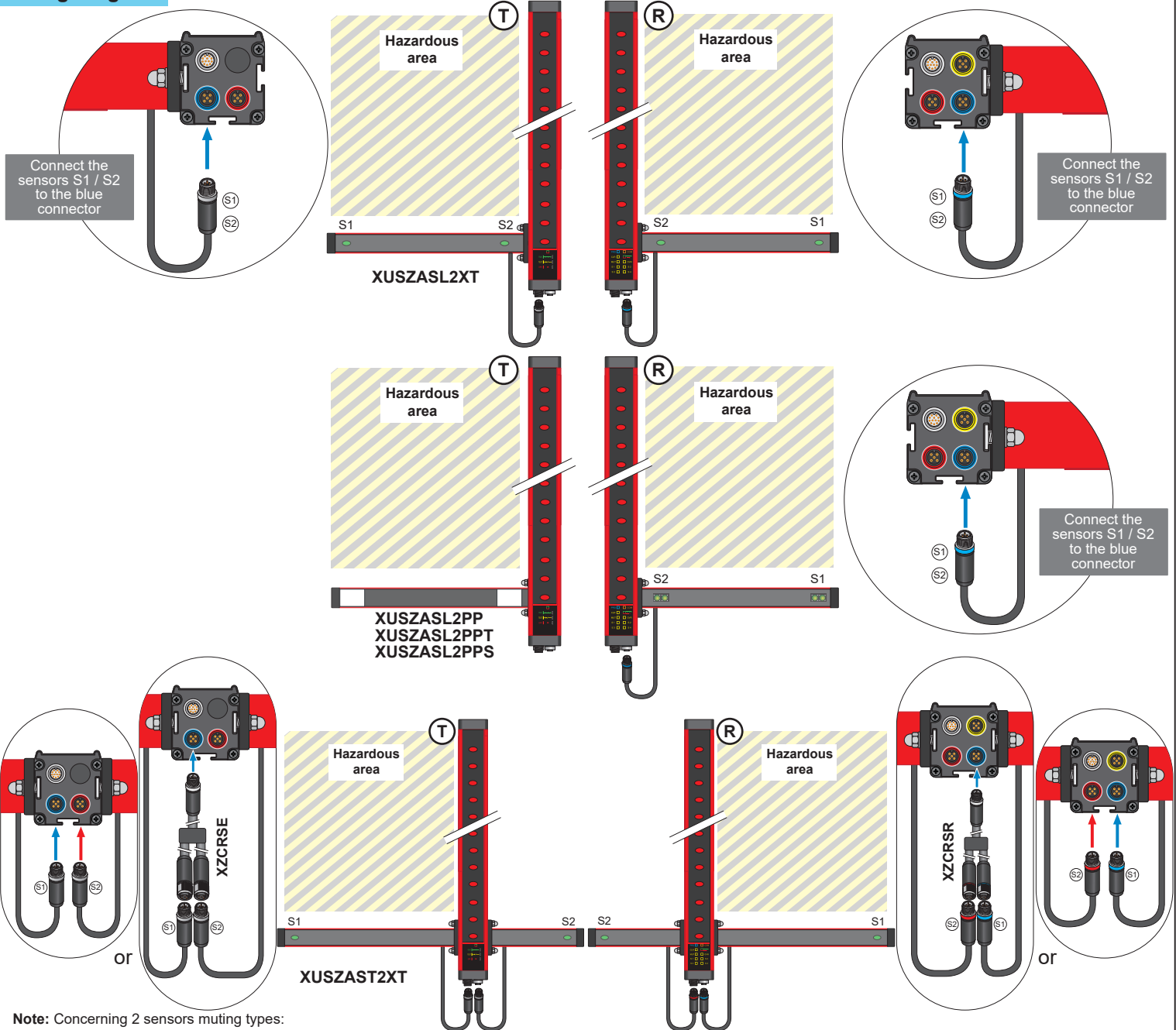


Arm height and angle adjustment



Wiring Diagram

Refer to each arm label to identify transmitter and receiver.



Note: Concerning 2 sensors muting types:

- When using **XUSZAST2X** integrated muting arms with two separate connectors:

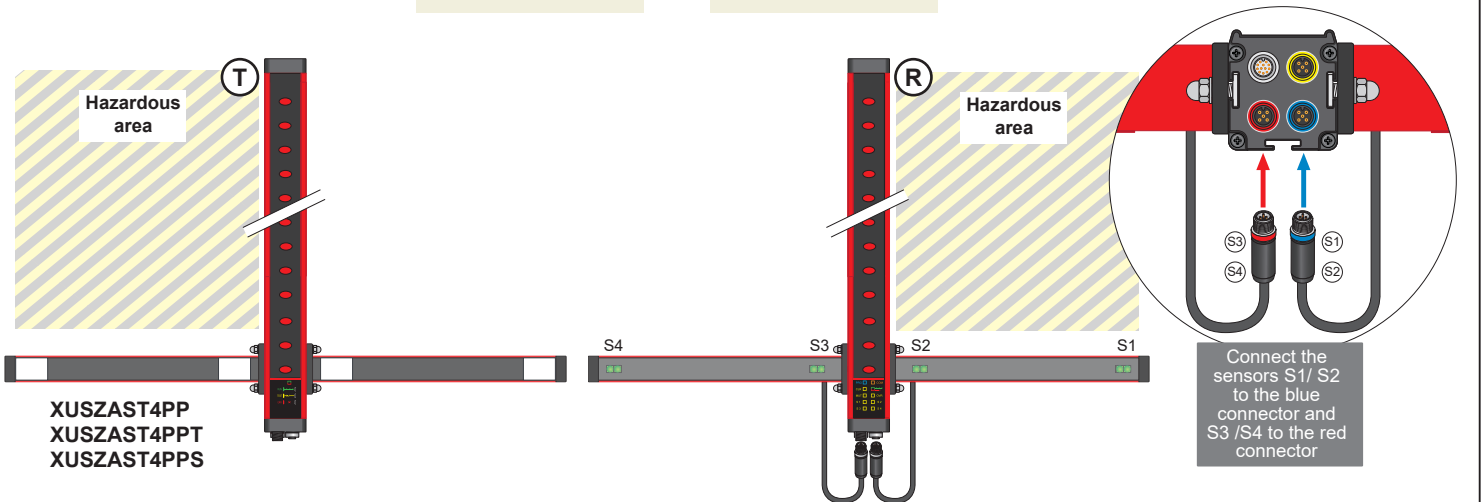
Sensor 1 connector has to be wired on Sensor 1 input (Blue connector) and Sensor 2 connector must be connected to the Red connector (Sensor 3 input).

Sensor 1 and Sensor 2 can also be both connected to the Blue connector through **XZCRSR** (for receiver) and **XZCRSE** (for transmitter) splitters.

Note: In hardware configuration, the **XUSL4M** detects automatically the position of the connectors at the first switch of sensor 2 after power-up.

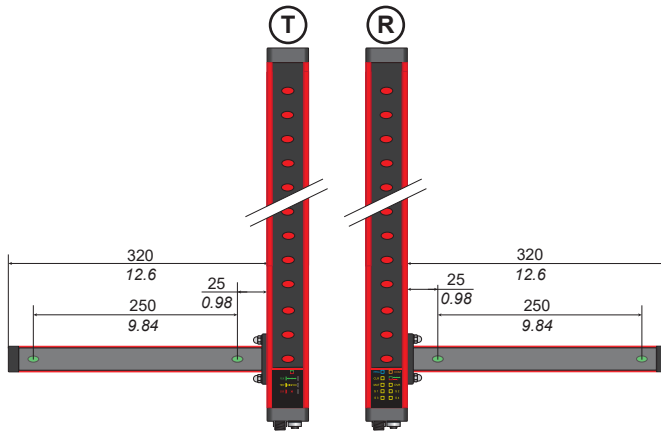
In software configuration (**XUSL4MA** only), the physical position of the connectors must be set in accordance with SoMute software:

Sensor 2 Position		Sensor 2 Position
Red Connector ▾	or	Blue Connector ▾
S1 Blue S2 Red		S1 - S2 Blue



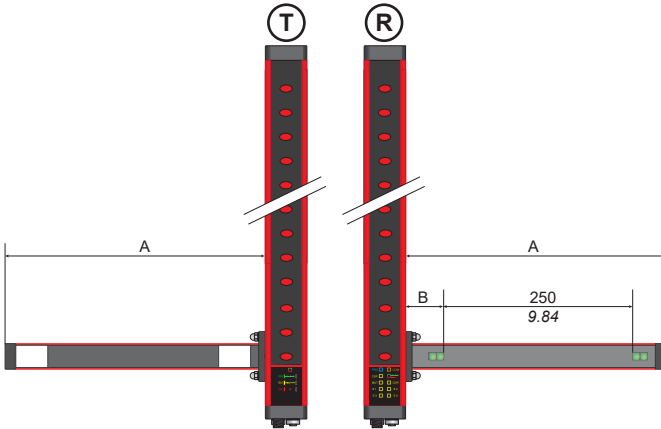
Dimensions

XUSZASL2XT



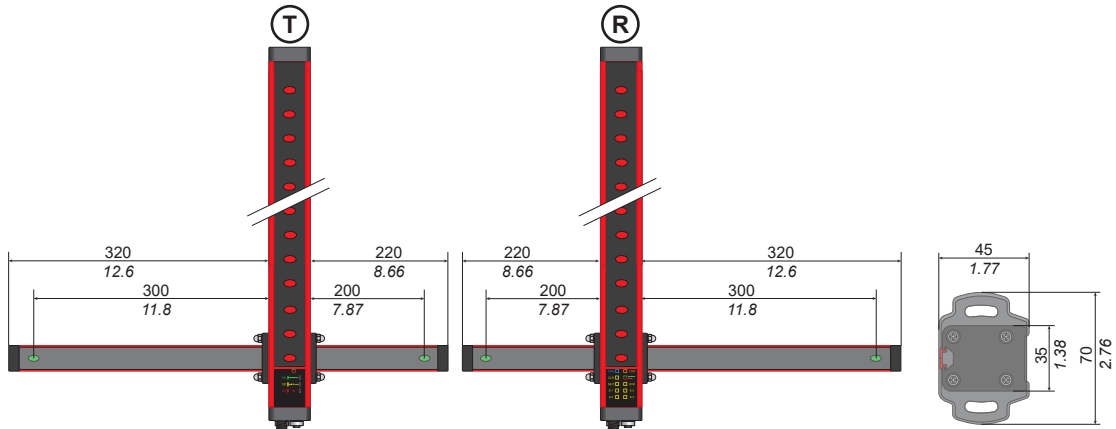
mm
in.

XUSZASL2PP
XUSZASL2PPT
XUSZASL2PPS

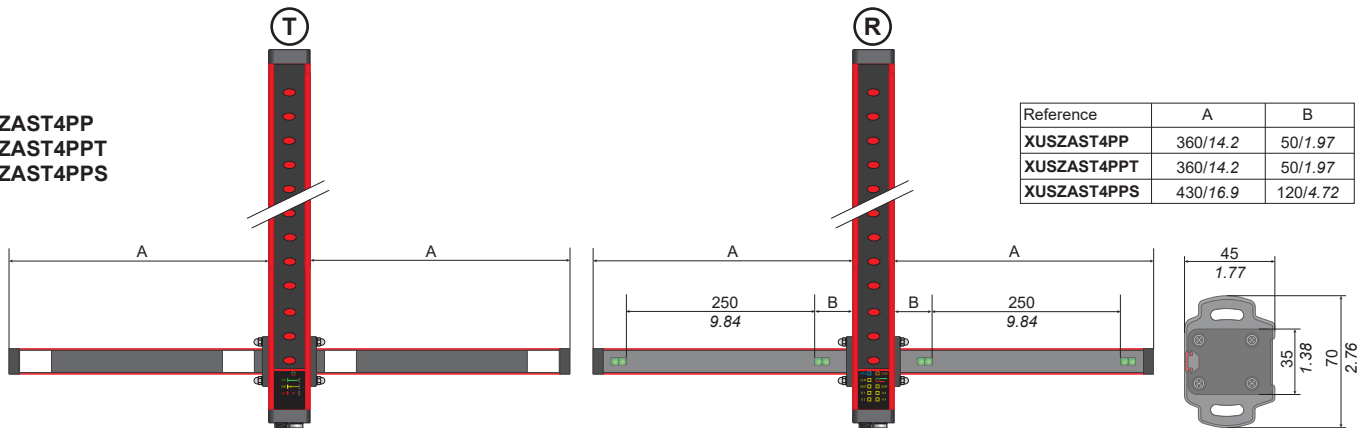


Reference	A	B
XUSZASL2PP	360/14.2	50/1.97
XUSZASL2PPT	360/14.2	50/1.97
XUSZASL2PPS	430/16.9	120/4.72

XUSZAST2XT



XUSZAST4PP
XUSZAST4PPT
XUSZAST4PPS

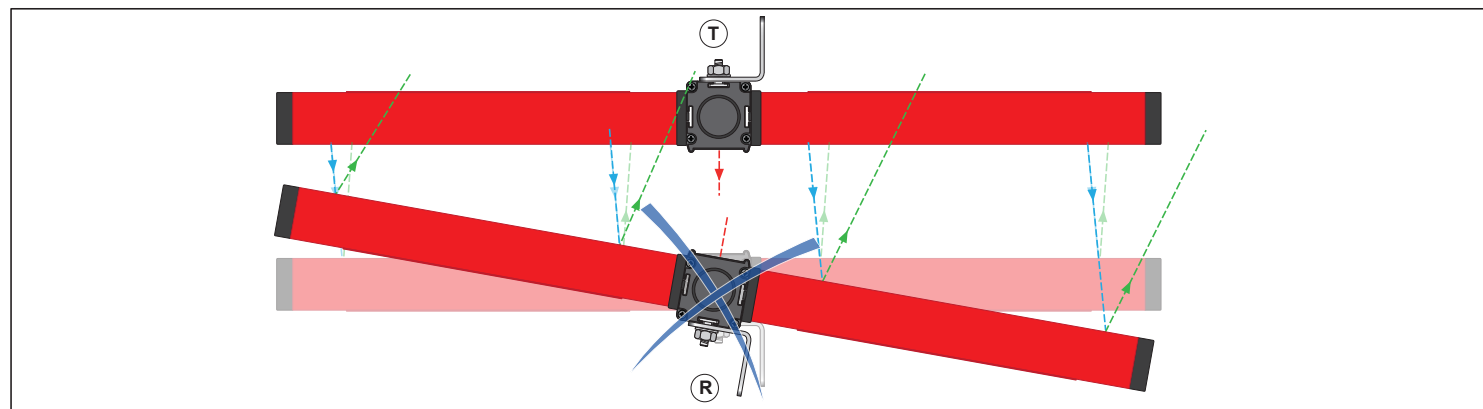
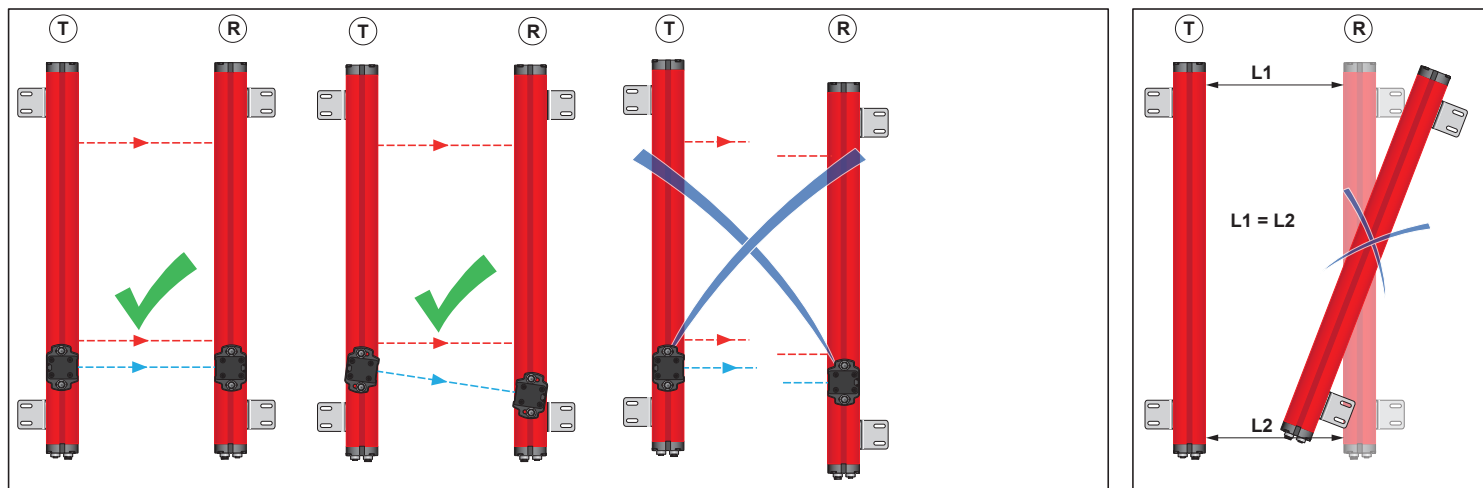


Reference	A	B
XUSZAST4PP	360/14.2	50/1.97
XUSZAST4PPT	360/14.2	50/1.97
XUSZAST4PPS	430/16.9	120/4.72

Alignment procedure

The Transmitter, receiver and the arms must be installed with the optical surfaces face to face, connectors oriented in the same way. Perfect alignment of the transmitter and the receiver corresponding beams is mandatory for an optimum functioning, meaning that the transmitter and receiver must have the same height and be parallel. A good positioning will be facilitated by using the provided mounting accessories.

- For an easier alignment setting, configure the safety light curtain in Automatic mode. That will avoid to restart the system during the alignment adjustments.
- Place the optical axis of the beams of the Emitter on the same axis as that of the beams on the Receiver.
- Move the Transmitter to find the area within which the green LED on the light curtain Receiver stays on, then place the first transmitter beam (the one near the signal LED) at the centre of this area.
- Firmly tighten the Emitter and the Receiver to the curtains.
- Do not forget to reconfigure the safety light curtain in Manual start mode if this operating mode is required.



Characteristics

Reference	XUSZASL2XT	XUSZASL2PP XUSZASL2PPS	XUSZASL2PPT	XUSZAST2XT	XUSZAST4PP XUSZAST4PPS	XUSZAST4PPT
Working range (m / ft.)	1...2,5 / 3.28...8.2	0...3,5 / 0...11.5	0...2 / 0...6.56	1...2,5 / 3.28...8.2	0...3,5 / 0...11.5	0...2 / 0...6.56
Ambient air temperature	Operation	- 30 °C...55 °C (- 22 °F...131 °F)				
	Storage	- 35 °C...70 °C (- 31 °F...158 °F)				
Power consumption (w)	2			3	4	
Opto-electronic integrated sensors	2 crossed single beam sensors (through beam)	2 parallel single beam sensors (reflex)		2 crossed single beam sensors (through beam) (one sensor on each arm)	4 parallel single beam sensor (reflex) (2 sensors on each arms)	
Degree of protection	Conforming EN/IEC 60529: IP65					
Response Time (ms)	< 100					