

XUSL2E-4E curtain - Mirrors use

Mirror options

Recommended maximum sensing distance

Fixing columns and fixing bases

Laser alignment device

Simply easy!™



Telemecanique

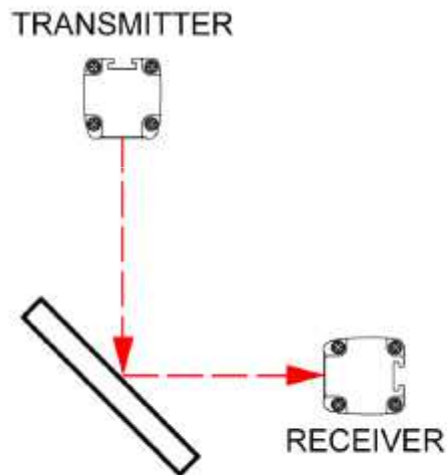
Sensors

XUSL2E-4E light curtains - Mirrors use

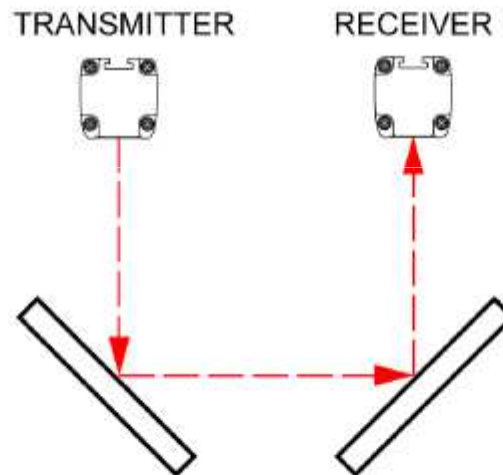


- Mirror options

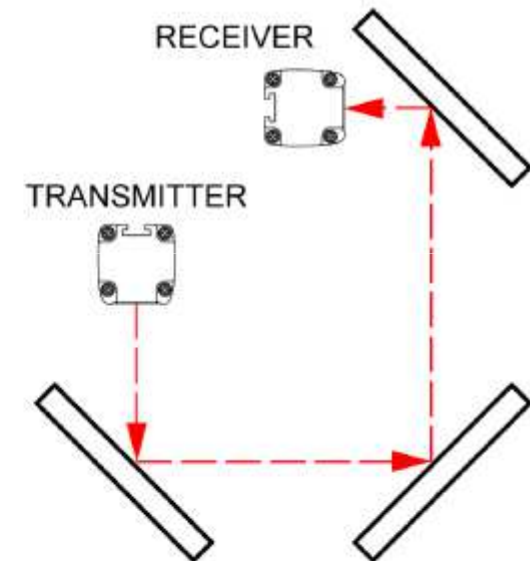
- 1 mirror



- 2 mirrors



- 3 mirrors



The total nominal range between the transmitter and the receiver is reduced according to the number of mirrors. The sensing distance reduction coefficient 0.85 (-15% per mirror) has to be taken into account for each mirror used.

XUSL2E-4E light curtains - Mirrors use



- Recommended maximum distance for glass mirrors

- Type 4 XUSL4E model

Number of mirrors	XUSL4E14F* LR Finger prot. / 6 m	XUSL4E30H*N LR Hand prot. / 12 m	XUSL4E30H*L LSR Hand prot. / 20 m	XUSL4E.BB...L LSR Body prot. / 20 m
1	5.1 m	10.2 m	17.0 m	17.0 m
2	4.3 m	8.6 m	14.4 m	14.4 m
3	3.6 m	7.3 m	12.2 m	12.2 m
4	3.1 m	6.2 m	10.4 m	10.4 m

- Type 2 XUSL2E model

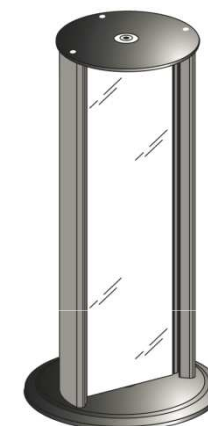
Number of mirrors	XUSL2E30H*N LR Hand prot. / 12 m	XUSL2E.BB..N LR Body prot. / 12 m
1	10.2 m	10.2 m
2	8.6 m	8.6 m
3	7.3 m	7.3 m
4	6.2 m	6.2 m

XUSL2E-4E light curtains - Mirrors use

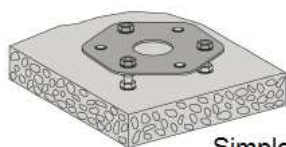


• Fixing columns with mirror

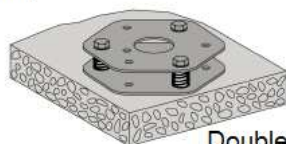
Fixing columns for Safety Light Curtains				
Reference - Column (with mirror)				
	Reference	For use with light curtains	Height (A) (mm)	Maximum protected height (mm)
Fixing base column has to be ordered for each column.	XUSZMF125	XUSL•E...016...L•E...091	1200	910 and 2 or 3 beams
	XUSZMF138	XUSL•E...091...L•E...106	1330	1060 and 4 beams
	XUSZMF172	XUSL•E...106...L•E...136	1700	1360
	XUSZMF202	XUSL•E...136...L•E...181	1970	1810



• Column fixing base



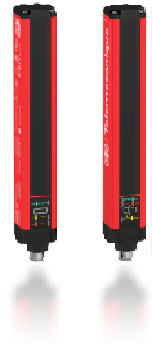
Simple



Double

Column fixing base		
References		
One fixing base has to be ordered for each column.	Reference	Dimensions
	XUSZFB2 (Double fixing base)	202 x 224 x 58 h
	XUSZFB1 (Simple fixing base)	202 x 224 x 37 h

XUSL2E-4E light curtains - Mirrors use



- Accessory to use for the beam adjustment with mirrors
 - Laser alignment device **XUSZLPE**
 - Class 2 according to IEC 60825-1 standard
 - Red light beam with an operating range up to 100 m.

