

Safety detection solutions

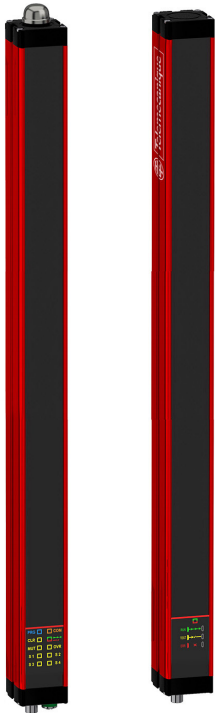
Safety light curtains, type 4, with built-in muting function.

Configurable by wiring or software (1).

Advanced models

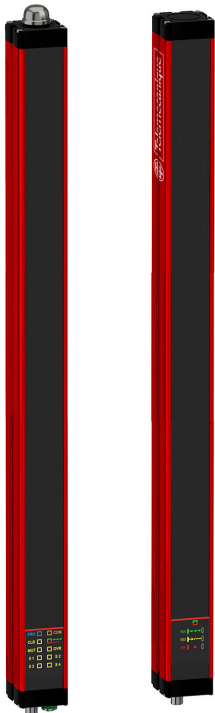
XUSL range

XU-SAF_61E_CPMFS18032



XUSL4MA30H●●●N

XU-SAF_61E_CPMFS18032



XUSL4MA●BB0●1N

Transmitter-receiver pairs for hand detection (2) (3)

Resolution 30 mm. Sensing distance 0...4 or 0...12 m

- 2 PNP outputs
- Operating temperature range: -30 °C...+55 °C
- TM (mission time): 20 years
- Status and muting indicator light built into receiver
- Partial muting

Protected height	Total height	Number of light beams	Response time (t1)	PFH _D IEC 61508	Reference	Weight
mm	mm		ms			kg
310	420	16	8	1.78 x 10 ⁻⁸	XUSL4MA30H031N	2.210
460	570	23	9.5	1.91 x 10 ⁻⁸	XUSL4MA30H046N	2.850
610	720	31	11	2.02 x 10 ⁻⁸	XUSL4MA30H061N	3.490
760	870	38	12.5	2.15 x 10 ⁻⁸	XUSL4MA30H076N	4.380
910	1,020	46	14.5	2.26 x 10 ⁻⁸	XUSL4MA30H091N	5.020
1,060	1,170	53	16	2.39 x 10 ⁻⁸	XUSL4MA30H106N	5.660
1,210	1,320	61	17.6	2.50 x 10 ⁻⁸	XUSL4MA30H121N	6.300
1,360	1,470	68	19	2.63 x 10 ⁻⁸	XUSL4MA30H136N	6.940
1,510	1,620	76	20.5	2.74 x 10 ⁻⁸	XUSL4MA30H151N	7.580

Resolution 40 mm. Sensing distance 0...4 or 0...12 m

Protected height	Total height	Number of light beams	Response time (t1)	PFH _D IEC 61508	Reference	Weight
mm	mm		ms			kg
910	1,020	31	11	1.77 x 10 ⁻⁸	XUSL4MA40H091N	5.020
1,060	1,170	36	12.5	1.85 x 10 ⁻⁸	XUSL4MA40H106N	5.660
1,210	1,320	41	13.5	1.95 x 10 ⁻⁸	XUSL4MA40H121N	6.300
1,360	1,470	46	14.5	2.03 x 10 ⁻⁸	XUSL4MA40H136N	6.940
1,510	1,620	51	15.5	2.12 x 10 ⁻⁸	XUSL4MA40H151N	7.580
1,660	1,770	56	16.5	2.21 x 10 ⁻⁸	XUSL4MA40H166N	8.240
1,810	1,920	61	17.5	2.30 x 10 ⁻⁸	XUSL4MA40H181N	8.880
1,960	2,070	66	18.5	2.38 x 10 ⁻⁸	XUSL4MA40H196N	9.520
2,110	2,220	71	19.5	2.47 x 10 ⁻⁸	XUSL4MA40H211N	10.160
2,260	2,370	76	20.5	2.56 x 10 ⁻⁸	XUSL4MA40H226N	10.800

Transmitter-receiver pairs for body detection (2) (3)

2, 3, or 4 beams. Sensing distance 0...4 or 0...12 m

- 2 PNP outputs
- Operating temperature range: -30 °C...+55 °C
- TM (mission time): 20 years
- Status and muting indicator light built into receiver

Protected height	Total height	Light beams Number/spacing	Response time (t1)	PFH _D IEC 61508	Reference	Weight
mm	mm		ms			kg
510	710	2 / 500 mm	5.5	8.97 x 10 ⁻⁹	XUSL4MA2BB051N	3.310
810	1,010	3 / 400 mm	5.5	9.63 x 10 ⁻⁹	XUSL4MA3BB081N	4.760
910	1,110	4 / 300 mm	5.5	1.03 x 10 ⁻⁸	XUSL4MA4BB091N	5.180

(1) The configuration software is presented on page 32.

(2) The safety light curtains are supplied with mounting brackets and screws.

(3) Connection cables and test rods must be ordered separately (see page 32).