

Safety detection solutions

Safety light curtains, type 2

XUSL range

Standard sensing distance



XUSL2E30H016N

XUSL2E30H031N

Transmitter-receiver pairs for hand detection (1) (2)

Resolution 30 mm. Sensing distance 0...4 or 0...12 m, selectable by wiring

- 2 PNP outputs
- Operating temperature range: -30 °C...+55 °C
- TM (mission time): 20 years

Pro- tected height	Total height	Number of light beams	Response time (t1)	PFH _D IEC 61508	Reference	Weight
mm	mm		ms			kg
160	213	8	4.5	2.04 x 10 ⁻⁸	XUSL2E30H016N	0.400
260	313	13	5.5	2.55 x 10 ⁻⁸	XUSL2E30H026N	0.600
310	363	16	6	2.66 x 10 ⁻⁸	XUSL2E30H031N	0.700
460	513	23	8	3.30 x 10 ⁻⁸	XUSL2E30H046N	1.000
610	663	31	10	3.92 x 10 ⁻⁸	XUSL2E30H061N	1.200
760	813	38	11	4.57 x 10 ⁻⁸	XUSL2E30H076N	1.500
910	963	46	13	5.19 x 10 ⁻⁸	XUSL2E30H091N	1.700
1,060	1,113	53	14.5	5.83 x 10 ⁻⁸	XUSL2E30H106N	2.000
1,210	1,263	61	16	6.45 x 10 ⁻⁸	XUSL2E30H121N	2.300
1,360	1,413	68	17.5	7.09 x 10 ⁻⁸	XUSL2E30H136N	2.500
1,510	1,563	76	19.5	7.71 x 10 ⁻⁸	XUSL2E30H151N	2.800
1,660	1,713	83	21	8.35 x 10 ⁻⁸	XUSL2E30H166N	3.000
1,810	1,863	91	22.5	8.98 x 10 ⁻⁸	XUSL2E30H181N	3.300

Transmitter-receiver pairs for body detection (1) (2)

Sensing distance 0...4 or 0...12 m, selectable by wiring

- 2 PNP outputs
- Operating temperature range: -30 °C...+55 °C
- TM (mission time): 20 years

Pro- tected height	Total height	Light beams Number/ spacing	Response time (t1)	PFH _D IEC 61508	Reference	Weight
mm	mm		ms			kg
510	677	2 / 500 mm	3	1.71 x 10 ⁻⁸	XUSL2E2BB051N	1.120
810	977	3 / 400 mm	3.5	1.87 x 10 ⁻⁸	XUSL2E3BB081N	1.620
910	1,077	4 / 300 mm	3.5	2.02 x 10 ⁻⁸	XUSL2E4BB091N	1.720

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

(2) Connection cables and test rods must be ordered separately (see pages 24 and 25).