

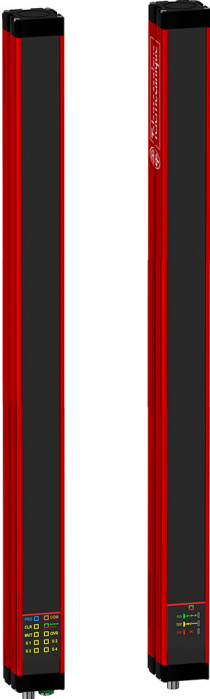
# Safety detection solutions

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

Configurable by wiring. Basic models

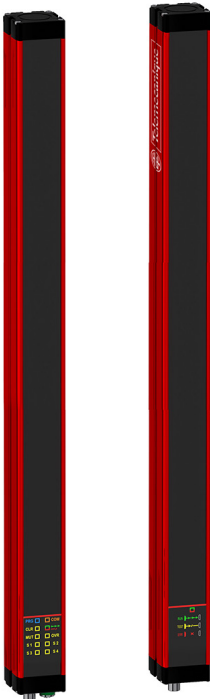
XUSL range

XU-SAF\_61E\_CPMFS18031



XUSL4MB30H●●●N

XU-SAF\_619\_CPMFS18031



XUSL4MB●BB0●1N

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

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

Protected height	Total height	Number of light beams	Response time (t1)	PFH <sub>D</sub> IEC 61508	Reference	Weight
mm	mm		ms			kg
310	395	16	8	1.78 x 10 <sup>-9</sup>	XUSL4MB30H031N	2.210
460	545	23	9.5	1.91 x 10 <sup>-9</sup>	XUSL4MB30H046N	2.850
610	695	31	11	2.02 x 10 <sup>-9</sup>	XUSL4MB30H061N	3.490
760	845	38	12.5	2.15 x 10 <sup>-9</sup>	XUSL4MB30H076N	4.380
910	995	46	14.5	2.26 x 10 <sup>-9</sup>	XUSL4MB30H091N	5.020
1,060	1,145	53	16	2.39 x 10 <sup>-9</sup>	XUSL4MB30H106N	5.660
1,210	1,295	61	17.6	2.50 x 10 <sup>-9</sup>	XUSL4MB30H121N	6.300
1,360	1,445	68	19	2.63 x 10 <sup>-9</sup>	XUSL4MB30H136N	6.940
1,510	1,595	76	20.5	2.74 x 10 <sup>-9</sup>	XUSL4MB30H151N	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 <sub>D</sub> IEC 61508	Reference	Weight
mm	mm		ms			kg
910	995	31	11	1.77 x 10 <sup>-9</sup>	XUSL4MB40H091N	5.020
1,060	1,145	36	12.5	1.85 x 10 <sup>-9</sup>	XUSL4MB40H106N	5.660
1,210	1,295	41	13.5	1.95 x 10 <sup>-9</sup>	XUSL4MB40H121N	6.300
1,360	1,445	46	14.5	2.03 x 10 <sup>-9</sup>	XUSL4MB40H136N	6.940
1,510	1,595	51	15.5	2.12 x 10 <sup>-9</sup>	XUSL4MB40H151N	7.580
1,660	1,745	56	16.5	2.21 x 10 <sup>-9</sup>	XUSL4MB40H166N	8.240
1,810	1,895	61	17.5	2.30 x 10 <sup>-9</sup>	XUSL4MB40H181N	8.880
1,960	2,045	66	18.5	2.38 x 10 <sup>-9</sup>	XUSL4MB40H196N	9.520
2,110	2,195	71	19.5	2.47 x 10 <sup>-9</sup>	XUSL4MB40H211N	10.160
2,260	2,345	76	20.5	2.56 x 10 <sup>-9</sup>	XUSL4MB40H226N	10.800

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

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

Protected height	Total height	Light beams Number/spacing	Response time (t1)	PFH <sub>D</sub> IEC 61508	Reference	Weight
mm	mm		ms			kg
510	685	2 / 500 mm	5.5	8.97 x 10 <sup>-9</sup>	XUSL4MB2BB051N	3.310
810	985	3 / 400 mm	5.5	9.63 x 10 <sup>-9</sup>	XUSL4MB3BB081N	4.760
910	1,085	4 / 300 mm	5.5	1.03 x 10 <sup>-8</sup>	XUSL4MB4BB091N	5.180

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

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