



Preventa XUSL safety light curtains type 2 & 4, SIL 2 & 3



For efficient protection of machine operators in hazardous zones

Introducing Preventa XUSL safety light curtains that protect machine operators while enabling partial or full access into the hazardous zone during machine loading/unloading and for adjustment or maintenance operations.

Simple to use

An optimized range of light curtains with embedded safety functions such as automatic or manual start/restart and External Device Monitoring (switching devices monitoring, e.g. relays or contractors).

Compact for easy installation

With only 29mm x 31.5mm cross section, Preventa XUSL is one of the most compact products on the market with all key features embedded.

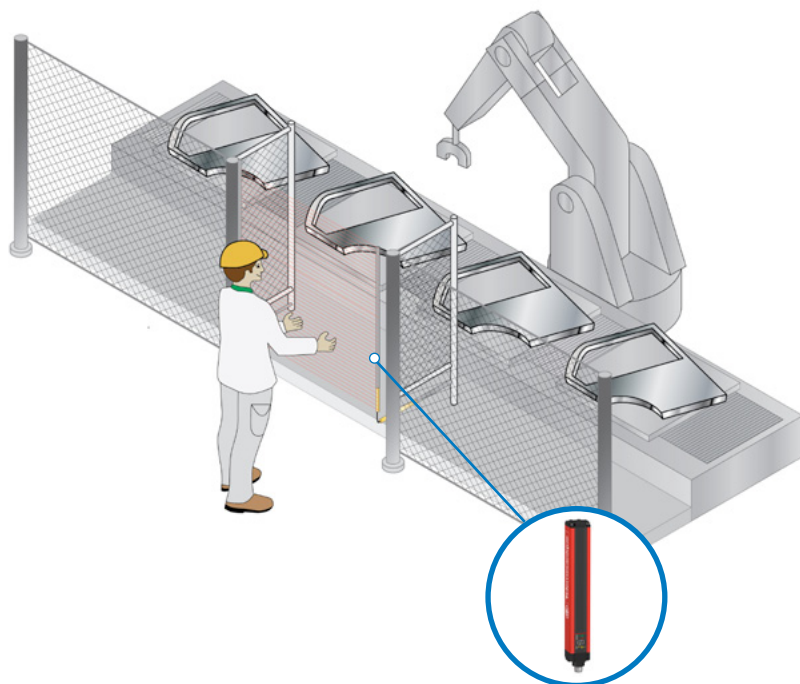
Compliant with safety certifications

Preventa XUSL offers compliance with safety standards up to type 4, SIL 3, PLe according to EN ISO 13849-1, IEC 61508, IEC 62061, IEC 61496-1 and IEC 61496-2 standards.

Simply easy!™



Telemecanique
Sensors



Benefits

Ease of use

- All the key functionalities in one product, including embedded functions for stand alone applications
- Configurable without a programming terminal
- Two maximum sensing distances selectable by wiring
- Automatic or manual start/restart as EDM selectable by wiring

Ease of installation

With only 29mm x 31.5mm cross section, Preventa XUSL allows quick and easy integration and repositioning in demanding machine areas.

Compliance with safety certifications

Preventa XUSL safety light curtains comply with safety directives and standards: CE, cULus and TÜV certified.

Characteristics

- Safety light curtains Preventa XUSL for finger, hand or body detection
- Sensing distance for long range models: up to 20m for hand & body type 4
- Protected height: 160...1810mm
- Response time: 2.5...25ms
- Electrical connection: M12, 5 pin or 8 pin
- Degree of protection: IP65, IP67, IP69K (specific models)
- Temperature: -10...+55°C, down to -25°C for IP69K products with heating system
- Cascadable master/slave segments (specific models)

References

Protection		Finger type 4	Hand type 2	Hand type 4	Body Type 2	Body type 4
Heights	160	XUSL4E14F016N	XUSL2E30H016N	XUSL4E30H016N	—	—
	260	—	XUSL2E30H026N	XUSL4E30H026N	—	—
	310	XUSL4E14F031N	XUSL2E30H031N	XUSL4E30H031N	—	—
	460	XUSL4E14F046N	XUSL2E30H046N	XUSL4E30H046N	—	—
	510 - 2beams	—	—	—	XUSL2E2BB051N	XUSL4E2BB051N
	610	XUSL4E14F061N	XUSL2E30H061N	XUSL4E30H061N	—	—
	760	XUSL4E14F076N	XUSL2E30H076N	XUSL4E30H076N	—	—
	810 - 3 beams	—	—	—	XUSL2E3BB081N	XUSL4E3BB081N
	910	XUSL4E14F091N	XUSL2E30H091N	XUSL4E30H091N	—	—
	910 - 4 beams	—	—	—	XUSL2E4BB091N	XUSL4E4BB091N
	1060	XUSL4E14F106N	XUSL2E30H106N	XUSL4E30H106N	—	—
	1210	XUSL4E14F121N	XUSL2E30H121N	XUSL4E30H121N	—	—
	1360	XUSL4E14F136N	XUSL2E30H136N	XUSL4E30H136N	—	—
	1510	XUSL4E14F151N	XUSL2E30H151N	XUSL4E30H151N	—	—
	1660	XUSL4E14F166N	XUSL2E30H166N	XUSL4E30H166N	—	—
	1810	XUSL4E14F181N	XUSL2E30H181N	XUSL4E30H181N	—	—

Other configurations available (long range for hand and body detection up to 20m, range of cascable segments, dedicated IP69K models, etc.). See the Telemecanique Sensors catalogue - www.tesensors.com

Flash for more information or visit <http://www.tesensors.com/products/preventa-xu>



Schneider Electric Industries SAS

Head Office

35, rue Joseph Monier – CS 30323
F92506 Rueil-Malmaison Cedex
FRANCE

www.tesensors.com

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