



Main

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| Range of product | Preventa Safety detection |
| Product or component type | Safety light curtain type 2 |
| Device short name | XUSLN |
| Design | Compact slim |
| Detection system | Transmitter-receiver system |
| Product specific application | For hand protection |
| Height protected | 900 mm |
| [Sn] nominal sensing distance | 0.3...15 m |
| Minimum object diameter for detection | 30 mm |
| Type of start | Manual |
| Response time | 19 ms |
| Number of beams | 42 |



Complementary

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| Kit composition | 2 sets of 2 brackets with fixings 1 user guide with certificate of conformity 1 transmitter(s) 1 test rod(s) 1 receiver(s) 1 arc suppressor set(s) |
| [EAA] effective aperture angle | 5 ° at 3 m |
| Light source | GaAIAs LED, 880 nm |
| [Us] rated supply voltage | 24 V DC (+/- 20 %) |
| [Ie] rated operational current | 2 A |
| Current consumption | 50 mA (transmitter) 1.09 A with maximum load (receiver) 90 mA no-load (receiver) |
| Output type | 2 safety outputs OSSD solid-state PNP (NO) (short-circuit protection) 1 alarm output PNP |
| Output current limits | <= 500 mA |
| Output voltage | 24 V |
| Output circuit type | DC |
| Local signalling | 4 LEDs (receiver), function: stop, run, top alignment, bottom alignment 2 LEDs (transmitter), function: power supply, diagnostic |
| Electrical connection | 1 male connector M12 5 pins (receiver) 1 male connector M12 4 pins (transmitter) |
| Function available | Muting possible with external module XPSLCM1150 Monitoring of external switching devices EDM/MPCE LED display of operating modes Alignment aid using 2 LEDs |
| Marking | CE |
| Material | Front face : acrylic End caps : 30 % fibre glass impregnated nylon Casing : aluminium |
| Fixing mode | End brackets |
| Product weight | 3.9 kg |

Environment

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| Standards | IEC 61496-1 IEC 61496-2 (type 2 ESPE) Machinery directive 2006/42/EC EMC 2004/108/EC Work equipment directive 2009/104/EC |
| Product certifications | CSA TÜV UL |
| Safety level | Type 2 conforming to IEC 61496-1-2 Can reach PL = c conforming to EN/ISO 13849-1 (correctly wired) Can reach category 2 conforming to EN/ISO 13849-1 (correctly wired) |
| Safety reliability data | PFH = 2.29E-7 1/h conforming to IEC 61508 (verified in worst case conf: 6 beams), proof test interval = 100 yr |
| Ambient air temperature for operation | 0...55 °C |
| Ambient air temperature for storage | -25...75 °C |
| Relative humidity | <= 95 % without condensation |
| IP degree of protection | IP65 |
| Shock resistance | 10 gn for 16 ms conforming to IEC 61496-1 |
| Vibration resistance | 0.35 +/- 0.05 mm (f = 10...55 Hz) conforming to IEC 61496-1 |

Offer Sustainability

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| Sustainable offer status | Not Green Premium product |
| RoHS (date code: YYWW) | Will be Compliant on 3Q2013 |
| Product environmental profile | Available  Download Product Environmental |
| Product end of life instructions | Available  Download End Of Life Manual |