



Main

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| Range of product | Preventa Safety detection |
| Product or component type | Safety light curtain type 4 |
| Device short name | XUSLP |
| Design | Compact |
| Detection system | Transmitter-receiver system |
| Product specific application | For body protection |
| Height protected | 600 mm |
| [Sn] nominal sensing distance | 0.8...70 m depending on configuration 0.8...20 m depending on configuration |
| Minimum object diameter for detection | 600 mm |
| Response time | < 24 ms depending on light beam coding A < 20 ms depending on light beam coding B < 16 ms depending on light beam coding C |
| Number of beams | 2 |
| Type of receiver | Active |

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 receiver(s) |
| [EAA] effective aperture angle | 2.5 ° at 3 m |
| Light source | GaAIAs LED, 850 nm |
| [Us] rated supply voltage | 24 V DC (+/- 20 %) |
| [Ie] rated operational current | 2 A |
| Current consumption | 100 mA (transmitter) 1.6 A with maximum load (receiver) 300 mA no-load (receiver) |
| Output type | 1 auxiliary output solid-state PNP 2 safety outputs OSSD solid-state PNP (NO) (short-circuit protection) |
| Output current limits | <= 650 mA for safety outputs OSSD <= 100 mA for auxiliary output |
| Output voltage | 24 V |
| Output circuit type | DC |
| Switching capacity in mA | 650 mA |
| Monitoring act of of relay MPCE/EDM | 50 mA |
| Local signalling | 3 LEDs (receiver), function: stop, run, interlock + 2 digit display 1 LED (transmitter), function: power supply |
| Electrical connection | Terminal block |
| Function available | Test Monitoring of external switching devices Display of operating modes and alarm by LEDs and 2-digit display Auto, manual, manual 1st cycle Alignment aid by display of each light beam broken |
| Marking | CE |
| Material | End caps : 20 % fibre glass impregnated nylon Front face : acrylic Casing : aluminium |
| Fixing mode | End brackets |
| Product weight | 6.7 kg |

Environment

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| Standards | ANSI B11:19-1990 ANSI/RIA R15.06 EN/IEC 61496-1 EN/IEC 61496-1-2 for type 4 ESPE EN/IEC 61496-2 OSHA 1910-212 OSHA 1910-217C ROHS directive 2002/95/EC Machinery directive 2006/42/EC EMC 2004/108/EC Work equipment directive 2009/104/EC |
| Product certifications | CSA TÜV UL |
| Safety level | Type 4 conforming to IEC 61496-1-2 Can reach PL = e conforming to EN/ISO 13849-1 (correctly wired) Can reach category 4 conforming to EN/ISO 13849-1 (correctly wired) Can reach SIL 3 conforming to IEC 61508 (correctly wired) |
| Safety reliability data | PFH = 2.7E-9 1/h conforming to IEC 61508 (verified in worst case conf: 6 beams), proof test interval = 20 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 | IP67 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) | Compliant - since 0730 - Schneider Electric declaration of conformity |
| Product environmental profile | Available Download Product Environmental |
| Product end of life instructions | Available Download End Of Life Manual |