



Main

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| Range of product | Preventa Safety detection |
| Product or component type | Safety light curtains receiver type 4 |
| Series name | Universal |
| Device short name | XUSLDM |
| Product compatibility | XUSLDMQ6A0360 |
| Output type | 1 auxiliary output solid-state PNP/NPN 2 safety outputs OSSD solid-state PNP (NO) (short-circuit protection) |
| Product specific application | For finger protection |
| Minimum object diameter for detection | 14 mm |
| [Sn] nominal sensing distance | 3 m with PDM 0.3...7 m |
| Height protected | 360 mm |
| Number of beams | 36 |

Complementary

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| Detection system | Transmitter-receiver system |
| Response time | 23 ms normal 38 ms slow |
| [EAA] effective aperture angle | 2.5 ° at 3 m |
| [Us] rated supply voltage | 24 V DC (+/- 20 %) against reverse polarity |
| [Ie] rated operational current | 2 A |
| Current consumption | 450 mA no-load 1.8 A with maximum load |
| Output current limits | 625 mA for safety outputs OSSD 100 mA for auxiliary output |
| Output voltage | 24 V |
| Output circuit type | DC |
| Monitoring act of of relay MPCE/EDM | 50 mA |
| Local signalling | 4 LEDs stop, run, interlock, ECS/B Blanking or FB (Floating Blanking) |
| Electrical connection | 1 female connector M12 8 pins |
| Marking | CE |
| Material | Casing : aluminium End caps : 20 % fibre glass impregnated nylon |

Disclaimer: This documentation is not intended as a substitute for and is not to be used for determining suitability or reliability of these products for specific user applications

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| Fixing mode | End brackets |
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Environment

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| Standards | ROHS directive 2002/95/EC OSHA 1910-217C Machinery directive 2006/42/EC ANSI B11:19-1990 EN/IEC 61496-1-2 for type 4 ESPE ANSI/RIA R15.06 OSHA 1910-212 Work equipment directive 2009/104/EC EMC 2004/108/EC EN/IEC 61496-2 EN/IEC 61496-1 |
| Product certifications | UL TÜV CSA |
| Ambient air temperature for operation | -10...55 °C |
| Ambient air temperature for storage | -25...75 °C |
| Relative humidity | 0...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 |

Contractual warranty

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| Warranty period | 18 months |
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