

XUSLDMY5A1720R

safety light curtains receiver type 4 - for hand protection - 1720 mm

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 | XUSLDMY5A1720 |
| Output type | 1 auxiliary output solid-state PNP/NPN 2 safety outputs OSSD solid-state PNP (NO) (short-circuit protection) |
| Product specific application | For hand protection |
| Minimum object diameter for detection | 30 mm |
| [Sn] nominal sensing distance | 0.3...20 m 8 m with PDM |
| Height protected | 1720 mm |
| Number of beams | 86 |

Complementary

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|-------------------------------------|---|
| Detection system | Transmitter-receiver system |
| Response time | 53 ms slow 32 ms normal |
| [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 | 1.8 A with maximum load 450 mA no-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 | End caps : 20 % fibre glass impregnated nylon Casing : aluminium |
| Fixing mode | End brackets |

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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 |
| Ambient air temperature for operation | -10...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 |