

# XUSLDMQ6A0920R

safety light curtains receiver type 4 - for finger protection - 920 mm

## Main

|                                       |                                                                                                                 |
|---------------------------------------|-----------------------------------------------------------------------------------------------------------------|
| Range of product                      | Telemecanique Safety light curtains XUSL                                                                        |
| Product or component type             | Safety light curtains receiver type 4                                                                           |
| Series name                           | Universal                                                                                                       |
| Device short name                     | XUSLDM                                                                                                          |
| Product compatibility                 | XUSLDMQ6A0920                                                                                                   |
| Output type                           | 2 safety outputs OSSD solid-state PNP (NO) (short-circuit protection)<br>1 auxiliary output solid-state PNP/NPN |
| Product specific application          | For finger protection                                                                                           |
| Minimum object diameter for detection | 14 mm                                                                                                           |
| [Sn] nominal sensing distance         | 3 M with PDM<br>0.3...7 m                                                                                       |
| Height protected                      | 920 mm                                                                                                          |
| Number of beams                       | 92                                                                                                              |

## Complementary

|                                     |                                                                       |
|-------------------------------------|-----------------------------------------------------------------------|
| Detection system                    | Transmitter-receiver system                                           |
| Response time                       | 32 ms normal<br>53 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<br>1.8 A with maximum load                             |
| Output current limits               | 100 mA for auxiliary output<br>625 mA for safety outputs OSSD         |
| 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                            | Aluminium: casing<br>20 % fibre glass impregnated nylon: end caps     |
| Fixing mode                         | End brackets                                                          |

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## Environment

|                                       |                                                                                                                                                                                                                                             |
|---------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Standards                             | EMC 2004/108/EC<br>Work equipment directive 2009/104/EC<br>OSHA 1910-212<br>EN/IEC 61496-2<br>Machinery directive 2006/42/EC<br>EN/IEC 61496-1<br>OSHA 1910-217C<br>ANSI/RIA R15.06<br>EN/IEC 61496-1-2 for type 4 ESPE<br>ANSI B11:19-1990 |
| Product certifications                | UL[RETURN]CSA[RETURN]TÜV                                                                                                                                                                                                                    |
| 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                                                                                                                                                                                  |

## Packing Units

|                              |     |
|------------------------------|-----|
| Unit Type of Package 1       | PCE |
| Number of Units in Package 1 | 1   |

## Contractual warranty

|          |           |
|----------|-----------|
| Warranty | 18 months |
|----------|-----------|