

# XUSLPZ3A0500MT

## safety light curtain transmitter type 4 - XUSLP - height 500 mm - 3 beams

### Main

|                                       |                                                                                |
|---------------------------------------|--------------------------------------------------------------------------------|
| Range of product                      | Telemecanique Safety light curtains XUSL                                       |
| Product or component type             | Safety light curtains transmitter type 4                                       |
| Device short name                     | XUSLP                                                                          |
| Product compatibility                 | XUSLPZ3A0500M                                                                  |
| Design                                | Compact                                                                        |
| Product specific application          | For body protection                                                            |
| Minimum object diameter for detection | 500 mm                                                                         |
| [Sn] nominal sensing distance         | 0.8...20 M depending on configuration<br>0.8...70 m depending on configuration |
| Height protected                      | 300 mm                                                                         |
| Number of beams                       | 3                                                                              |

### Complementary

|                                     |                                                                                           |
|-------------------------------------|-------------------------------------------------------------------------------------------|
| Detection system                    | Transmitter-receiver system                                                               |
| Response time                       | < 16 ms light beam coding C<br>< 20 ms light beam coding B<br>< 24 ms light beam coding A |
| [EAA] effective aperture angle      | 2.5 ° at 3 m                                                                              |
| Light source                        | GaAIAs LED, 850 nm                                                                        |
| [Us] rated supply voltage           | 24 V DC (+/- 20 %)against reverse polarity                                                |
| [Ie] rated operational current      | 2 A                                                                                       |
| Current consumption                 | 100 mA                                                                                    |
| Monitoring act of of relay MPCE/EDM | 50 mA                                                                                     |
| Local signalling                    | 2 LEDs power supply, diagnostic                                                           |
| Electrical connection               | 1 male connector M12, 4 pins                                                              |
| Marking                             | CE                                                                                        |
| Material                            | Aluminium: casing<br>20 % fibre glass impregnated nylon: end caps<br>Acrylic: front face  |
| Fixing mode                         | End brackets                                                                              |

### Environment

|                                       |                                                                                                                                                                                                                                             |
|---------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Standards                             | ANSI/RIA R15.06<br>Machinery directive 2006/42/EC<br>OSHA 1910-217C<br>EN/IEC 61496-2<br>Work equipment directive 2009/104/EC<br>OSHA 1910-212<br>EMC 2004/108/EC<br>ANSI B11:19-1990<br>EN/IEC 61496-1<br>EN/IEC 61496-1-2 for type 4 ESPE |
| Product certifications                | CSA[RETURN]TÜV[RETURN]UL                                                                                                                                                                                                                    |
| Ambient air temperature for operation | 0...55 °C                                                                                                                                                                                                                                   |
| Ambient air temperature for storage   | -25...75 °C                                                                                                                                                                                                                                 |
| Relative humidity                     | 0...95 % without condensation                                                                                                                                                                                                               |
| IP degree of protection               | IP65<br>IP67                                                                                                                                                                                                                                |

|                      |                                                            |
|----------------------|------------------------------------------------------------|
| 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 |
|----------|-----------|