

# XUSLPZ4A0300BR

safety light curtain receiver type 4 - XUSLP -  
height 300 mm - 4 beams

## Main

|                                       |                                                                                                             |
|---------------------------------------|-------------------------------------------------------------------------------------------------------------|
| Range of product                      | Telemecanique Safety light curtains XUSL                                                                    |
| Product or component type             | Safety light curtains receiver type 4                                                                       |
| Device short name                     | XUSLP                                                                                                       |
| Product compatibility                 | XUSLPZ4A0300B                                                                                               |
| Design                                | Compact                                                                                                     |
| Output type                           | 1 auxiliary output solid-state PNP<br>2 safety outputs OSSD solid-state PNP (NO) (short-circuit protection) |
| Product specific application          | For body protection                                                                                         |
| Minimum object diameter for detection | 300 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                       | 4                                                                                                           |

## 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                                                                              |
| [Us] rated supply voltage           | 24 V DC (+/- 20 %)against reverse polarity                                                |
| [Ie] rated operational current      | 2 A                                                                                       |
| Current consumption                 | 300 mA no-load<br>1.6 A with maximum load                                                 |
| Output current limits               | 100 mA for auxiliary output<br>650 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, top alignment, bottom alignment                                         |
| Electrical connection               | Terminal block                                                                            |
| Marking                             | CE                                                                                        |
| Material                            | Aluminium: casing<br>20 % fibre glass impregnated nylon: end caps<br>Acrylic: front face  |
| Fixing mode                         | End brackets                                                                              |

The information provided in this documentation contains general descriptions and/or technical characteristics of the performance of the products contained herein. 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. It is the duty of any such user or integrator to perform the appropriate and complete risk analysis, evaluation and testing of the products with respect to the relevant specific application or use thereof. Neither TWSS Holding nor any of its affiliates or subsidiaries shall be responsible or liable for misuse of the information contained herein.

## Environment

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