



### Main

|                           |                                          |
|---------------------------|------------------------------------------|
| Range of Product          | Telemecanique Ultrasonic sensors XX      |
| Sensor Type               | Ultrasonic sensor                        |
| Series name               | General purpose                          |
| Sensor name               | XX5                                      |
| Sensor design             | Cylindrical M12                          |
| Detection system          | Diffuse                                  |
| Material                  | Plastic                                  |
| Type of output signal     | Discrete                                 |
| [Us] rated supply voltage | 12...24 V DC reverse polarity protection |
| IP degree of protection   | IP67 conforming to IEC 60529             |

### Complementary

|                           |                                              |
|---------------------------|----------------------------------------------|
| Supply voltage limits     | 10...28 V DC                                 |
| Maximum switching current | 100 mA overload and short-circuit protection |
| Maximum voltage drop      | 1 V                                          |
| Maximum delay first up    | 20 ms                                        |
| Marking                   | CE                                           |

### Environment

|                                       |                                          |
|---------------------------------------|------------------------------------------|
| Standards                             | IEC 60947-5-2                            |
| Product certifications                | UL                                       |
| Ambient Air Temperature for Operation | -4...149 °F (-20...65 °C)                |
| Ambient Air Temperature for Storage   | -40...176 °F (-40...80 °C)               |
| Vibration resistance                  | +/-1 mm 10...55 Hz)IEC 60068-2-6         |
| Shock resistance                      | 30 gn in all 3 axes 11 ms IEC 60068-2-27 |
| Resistance to electrostatic discharge | 8 kV level 4 IEC 61000-4-2               |
| Resistance to electromagnetic fields  | 9.14 V/m (10 V/m) level 3 IEC 61000-4-3  |

### Ordering and shipping details

|                       |                                  |
|-----------------------|----------------------------------|
| Category              | 22490-SENSORS-ULTRASONIC (XX5,6) |
| Discount Schedule     | DS2                              |
| GTIN                  | 03389119129107                   |
| Nbr. of units in pkg. | 1                                |
| Package weight(Lbs)   | 0.01 lb(US) (0.00 kg)            |
| Returnability         | No                               |
| Country of origin     | US                               |

### Offer Sustainability

|                           |                                                                                                                                                                                                                                                                                                                                                                                   |
|---------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| California proposition 65 | WARNING: This product can expose you to chemicals including: Diisononyl phthalate (DINP), which is known to the State of California to cause cancer, and Di-isodecyl phthalate (DIDP), which is known to the State of California to cause birth defects or other reproductive harm. For more information go to <a href="http://www.P65Warnings.ca.gov">www.P65Warnings.ca.gov</a> |
| EU RoHS Directive         | Not applicable, out of EU RoHS legal scope                                                                                                                                                                                                                                                                                                                                        |

### Contractual warranty

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

# Mouser Electronics

Authorized Distributor

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