

XS1N05PA311

Inductive proximity sensors XS, inductive sensor XS1 M5, L28mm, stainless, Sn0.8mm, 5..24VDC, cable 2m

Main

| | |
|------------------------------------|--|
| Range of product | Telemecanique Inductive proximity sensors XS |
| Series name | General purpose |
| Sensor type | Inductive proximity sensor |
| Device application | - |
| Sensor name | XS1 |
| Sensor design | Cylindrical M5 |
| Size | 28 mm |
| Body type | Fixed |
| Detector flush mounting acceptance | Flush mountable |
| Material | Stainless steel |
| Type of output signal | Discrete |
| Wiring technique | 3-wire |
| [Sn] nominal sensing distance | 0.8 mm |
| Discrete output function | 1 NO |
| Output circuit type | DC |
| Discrete output type | PNP |
| Electrical connection | Cable |
| Cable length | 2 m |
| [Us] rated supply voltage | 5...24 V DC |
| Switching capacity in mA | <= 100 mA with overload and short-circuit protection |
| IP degree of protection | IP67 conforming to IEC 60529 |

Complementary

| | |
|--------------------------|------------------------------|
| Thread type | M5 x 0.5 |
| Detection face | Frontal |
| Front material | PPS |
| Enclosure material | Stainless steel 303 |
| Operating zone | 0...0.6 mm |
| Cable composition | 3 x 0.11 mm ² |
| Wire insulation material | PVC |
| Status LED | Output state: 1 LED (yellow) |
| Supply voltage limits | 5...30 V DC |
| Switching frequency | <= 5000 Hz |
| Maximum voltage drop | <2 V (closed) |
| Current consumption | <= 10 mA no-load |
| Maximum delay first up | 5 ms |
| Maximum delay response | 1 ms |
| Maximum delay recovery | 1 ms |
| Marking | CE |
| Threaded length | 24 mm |
| Length | 28 mm |


Environment

| | |
|---------------------------------------|---|
| Product certifications | CSA[RETURN]UL |
| Ambient air temperature for operation | -25...70 °C |
| Ambient air temperature for storage | -40...85 °C |
| Vibration resistance | 25 gn amplitude = +/- 2 mm (f = 10...55 Hz) conforming to IEC 60068-2-6 |
| Shock resistance | 50 gn for 11 ms conforming to IEC 60068-2-27 |

Packing Units

| | |
|------------------------------|-----------|
| Unit Type of Package 1 | PCE |
| Number of Units in Package 1 | 1 |
| Package 1 Height | 4.100 cm |
| Package 1 Width | 9.500 cm |
| Package 1 Length | 13.000 cm |
| Package 1 Weight | 31.000 g |
| Unit Type of Package 2 | S02 |
| Number of Units in Package 2 | 22 |
| Package 2 Height | 15 cm |
| Package 2 Width | 30 cm |
| Package 2 Length | 40 cm |
| Package 2 Weight | 1.021 kg |

Offer Sustainability

| | |
|--|---|
| Sustainable offer status | Green Premium product |
| Circularity Profile |  End of Life Information |
| 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 www.P65Warnings.ca.gov |
| For all Reach Rohs enquiries contact us at | sustainability@tesensors.com |

Contractual warranty

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