



Main

| | |
|------------------------------------|----------------------------------------------|
| Range of product | Telemecanique Inductive proximity sensors XS |
| Series name | Application |
| Sensor type | Inductive proximity sensor |
| Electrical circuit type | Analog output |
| Sensor name | XS4 |
| Sensor design | Cylindrical M12 |
| Size | 54 mm |
| Body type | Fixed |
| Detector flush mounting acceptance | Non flush mountable |
| Material | Plastic |
| Type of output signal | Analogue |
| Wiring technique | 2-wire |
| [Sn] nominal sensing distance | 4 mm |
| Discrete output function | 1 NC |
| Output circuit type | DC |
| Analogue output range | 4...20 mA |
| Electrical connection | Cable |
| Cable length | 5 m |
| [Us] rated supply voltage | 12...24 V DC |
| IP degree of protection | IP67 conforming to IEC 60529 |

Complementary

| | |
|------------------------------|--------------------------|
| Thread type | M12 x 1 |
| Detection face | Frontal |
| Front material | PBT |
| Enclosure material | PBT |
| Operating zone | 0.4...4 mm |
| Repeat accuracy | <= 3% of Sr |
| Linearity error | +/- 2 mA |
| Cable composition | 3 x 0.34 mm ² |
| Wire insulation material | PVC |
| Supply voltage limits | 10...36 V DC |
| Switching frequency | <= 1500 Hz |
| Current consumption | 4 mA no-load |
| Maximum output current drift | 10 % |
| Marking | CE |
| Threaded length | 42 mm |
| Height | 12 mm |
| Length | 50 mm |
| Net weight | 0.065 kg |


Environment

| | |
|---------------------------------------|---------------|
| Product certifications | UL[RETURN]CSA |
| Ambient air temperature for operation | -25...70 °C |

Packing Units

| | |
|------------------------------|----------|
| Unit Type of Package 1 | PCE |
| Number of Units in Package 1 | 1 |
| Package 1 Height | 4.2 cm |
| Package 1 Width | 9.6 cm |
| Package 1 Length | 13.0 cm |
| Package 1 Weight | 168.0 g |
| Unit Type of Package 2 | S01 |
| Number of Units in Package 2 | 10 |
| Package 2 Height | 15 cm |
| Package 2 Width | 15 cm |
| Package 2 Length | 40 cm |
| Package 2 Weight | 1.687 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 Diisodecyl 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 |