# Product data sheet
## Characteristics

# XS7G12MA230
## inductive sensor XS7 12x40x26 - plastic - Sn2mm - 24..240VAC/DC - cable 2m

## Main

| | |
|---|---|
| Range of product | OsiSense XS |
| Series name | General purpose |
| Sensor type | Inductive proximity sensor |
| Product specific application | - |
| Sensor name | XS7 |
| Sensor design | Form 12 x 40 x 26 |
| Size | 26 mm |
| Body type | Fixed |
| Enclosure material | Plastic |
| Type of output signal | Discrete |
| Wiring technique | 2-wire |
| [Sn] nominal sensing distance | 2 mm |
| Discrete output function | 1 NO |
| Electrical connection | Cable |
| Cable length | 6.56 ft (2 m) |
| Wire insulation material | PVC |
| [Us] rated supply voltage | 24...210 V DC<br>24...240 V AC 50/60 Hz |
| Switching capacity in mA | 5...200 mA |
| IP degree of protection | IP67 IEC 60529 |

## Complementary

| | |
|---|---|
| Detection face | Lateral |
| Detector flush mounting acceptance | Flush mountable |
| Material | Plastic |
| Front material | Plastic |

Disclaimer: 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

| | |
|---|---|
| Operating zone | 0.00…0.06 in (0…1.6 mm) |
| Differential travel | 3...20% of Sr |
| Repeat accuracy | <= 10% of Sr |
| Output circuit type | AC/DC |
| Cable composition | 2 x 0.34 mm² |
| Status LED | Output state: 1 LED (yellow) |
| Supply voltage limits | 20…264 V AC/DC |
| Maximum residual current | 0.8 mA open state 24 V<br>1.5 mA open state 120 V |
| Switching frequency | <= 25 Hz AC<br><= 250 Hz DC |
| Maximum voltage drop | <5.5 V (closed) |
| Maximum delay first up | 40 ms |
| Maximum delay response | 1 ms |
| Maximum delay recovery | 2 ms |
| Marking | CE |
| Depth | 1.02 in (26 mm) |
| Height | 1.57 in (40 mm) |
| Width | 0.47 in (12 mm) |
| Net weight | 0.22 lb(US) (0.1 kg) |

## Environment

| | |
|---|---|
| Product certifications | CSA<br>CCC<br>UL |
| Ambient air temperature for operation | -13…158 °F (-25…70 °C) |
| Ambient air temperature for storage | -40…185 °F (-40…85 °C) |
| Vibration resistance | 25 gn +/- 2 mm 10…55 Hz)IEC 60068-2-6 |
| Shock resistance | 50 gn 11 ms IEC 60068-2-27 |

## Packing Units

| | |
|---|---|
| Package 1 Weight | 0.20 lb(US) (0.090 kg) |
| Package 1 Height | 0.450 dm |
| Package 1 width | 0.450 dm |
| Package 1 Length | 1.400 dm |

## Offer Sustainability

| | |
|---|---|
| Sustainable offer status | Green Premium product |
| REACh Regulation | REACh Declaration |
| EU RoHS Directive | Pro-active compliance (Product out of EU RoHS legal scope)<br>EU RoHS Declaration |
| Mercury free | Yes |
| RoHS exemption information | Yes |
| Environmental Disclosure | Product Environmental Profile |

## Contractual warranty

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