



Main

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|---------------------------|-----------------------------------------------|
| Range of product | OsiSense XX |
| Sensor type | Ultrasonic sensor |
| Series name | General purpose |
| Sensor name | XX9 |
| Sensor design | Cylindrical M12 |
| Detection system | Diffuse |
| Material | Plastic |
| Type of output signal | Discrete |
| [Us] rated supply voltage | 12...24 V DC with reverse polarity protection |
| IP degree of protection | IP67 conforming to IEC 60529 |

Complementary

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

Environment

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|---------------------------------------|--------------------------------------------------------|
| 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 conforming to IEC 60068-2-6 10...55 Hz |
| shock resistance | 30 gn in all 3 axes 11 ms conforming to IEC 60068-2-27 |
| resistance to electrostatic discharge | 8 kV level 4 conforming to IEC 61000-4-2 |
| resistance to electromagnetic fields | 9.14 V/yd (10 V/m) level 3 conforming to IEC 61000-4-3 |

Offer Sustainability

| | |
|----------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------|
| WARNING: This product can expose you to chemicals including: | WARNING: This product can expose you to chemicals including: |
| Diisononyl phthalate (DINP), which is known to the State of California to cause cancer, and | 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. | 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 more information go to www.p65warnings.ca.gov |

Contractual warranty

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