



Main

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| Range of product | OsiSense XX |
| Sensor type | Ultrasonic sensor |
| Series name | General purpose |
| Sensor name | XX9 |
| Sensor design | Cylindrical M30 |
| Detection system | Diffuse |
| [Sn] nominal sensing distance | 26.25 ft (8 m) adjustable with teach push-button |
| Material | Plastic |
| Type of output signal | Analogue |
| Wiring technique | 4-wire |
| Analogue output function | 4...20 mA |
| [Us] rated supply voltage | 15...24 V DC with reverse polarity protection |
| Electrical connection | Male connector M12 4 pins |
| [Sd] sensing range | 0.98...26.25 ft (0.3...8 m) |
| Beam angle | 16 ° |
| IP degree of protection | IP67 conforming to IEC 60529 |

Complementary

| | |
|---|---|
| Enclosure material | ULTEM |
| Front material | Epoxy |
| Thread type | M30 x 1.5 |
| Supply voltage limits | 14...28 V DC |
| Function available | Without synchronisation mode |
| [Sa] assured operating distance | 0.3...8 m (teach mode) |
| Blind zone | 0...11.81 in (0...300 mm) |
| Transmission frequency | 75 kHz |
| Repeat accuracy | 2.54 % |
| Deviation angle from 90° of object to be detected | -5...5 ° |
| Minimum size of detected object | Cylinder diameter 50.68 mm at 4.732 m |
| Status LED | 1 LED (dual colour) setting-up assistance 1 LED (green) supply on 1 LED (yellow) output state |
| Current consumption | 60 mA |
| Maximum switching capacity | 10...500 Ohm overload and short-circuit protection |
| Setting-up | Slope selection using teach button |
| Delay first up | 1200 ms |
| Delay response | 250 ms |
| Delay recovery | 250 ms |
| Marking | CE |
| Threaded length | 2.53 in (64.3 mm) |
| Height | 1.73 in (44 mm) |
| Width | 1.73 in (44 mm) |
| Depth | 4.65 in (118 mm) |
| Product weight | 0.25 lb(US) (0.115 kg) |

Environment

| | |
|------------------------|---------------|
| standards | IEC 60947-5-2 |
| product certifications | CCSAus |

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UL

| | |
|---------------------------------------|--|
| ambient air temperature for operation | -4...140 °F (-20...60 °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 |
| resistance to fast transients | 1 kV level 3 conforming to IEC 61000-4-4 |

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



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Наши преимущества:

- Оперативные поставки широкого спектра электронных компонентов отечественного и импортного производства напрямую от производителей и с крупнейших мировых складов;
- Поставка более 17-ти миллионов наименований электронных компонентов;
- Поставка сложных, дефицитных, либо снятых с производства позиций;
- Оперативные сроки поставки под заказ (от 5 рабочих дней);
- Экспресс доставка в любую точку России;
- Техническая поддержка проекта, помощь в подборе аналогов, поставка прототипов;
- Система менеджмента качества сертифицирована по Международному стандарту ISO 9001;
- Лицензия ФСБ на осуществление работ с использованием сведений, составляющих государственную тайну;
- Поставка специализированных компонентов (Xilinx, Altera, Analog Devices, Intersil, Interpoint, Microsemi, Aeroflex, Peregrine, Syfer, Eurofarad, Texas Instrument, Miteq, Cobham, E2V, MA-COM, Hittite, Mini-Circuits, General Dynamics и др.);

Помимо этого, одним из направлений компании «ЭлектроПласт» является направление «Источники питания». Мы предлагаем Вам помощь Конструкторского отдела:

- Подбор оптимального решения, техническое обоснование при выборе компонента;
- Подбор аналогов;
- Консультации по применению компонента;
- Поставка образцов и прототипов;
- Техническая поддержка проекта;
- Защита от снятия компонента с производства.



Как с нами связаться

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