



## Main

|                               |                                                  |
|-------------------------------|--------------------------------------------------|
| 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<br>1 LED (green) supply on<br>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        |

The information provided in this documentation contains general descriptions and/or technical characteristics of the products contained herein. 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. It is the duty of any such user or integrator to perform the appropriate and complete risk analysis, evaluation and testing of the products with respect to the relevant specific application or use thereof. Neither Schneider Electric Industries SAS nor any of its affiliates or subsidiaries shall be responsible or liable for misuse of the information contained herein.

|                                       |                                                        |
|---------------------------------------|--------------------------------------------------------|
|                                       | 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 <a href="http://www.p65warnings.ca.gov">www.p65warnings.ca.gov</a>                              | For more information go to <a href="http://www.p65warnings.ca.gov">www.p65warnings.ca.gov</a>                              |

Компания «Life Electronics» занимается поставками электронных компонентов импортного и отечественного производства от производителей и со складов крупных дистрибьюторов Европы, Америки и Азии.

С конца 2013 года компания активно расширяет линейку поставок компонентов по направлению коаксиальный кабель, кварцевые генераторы и конденсаторы (керамические, пленочные, электролитические), за счёт заключения дистрибьюторских договоров

Мы предлагаем:

- Конкурентоспособные цены и скидки постоянным клиентам.
- Специальные условия для постоянных клиентов.
- Подбор аналогов.
- Поставку компонентов в любых объемах, удовлетворяющих вашим потребностям.
- Приемлемые сроки поставки, возможна ускоренная поставка.
- Доставку товара в любую точку России и стран СНГ.
- Комплексную поставку.
- Работу по проектам и поставку образцов.
- Формирование склада под заказчика.
- Сертификаты соответствия на поставляемую продукцию (по желанию клиента).
- Тестирование поставляемой продукции.
- Поставку компонентов, требующих военную и космическую приемку.
- Входной контроль качества.
- Наличие сертификата ISO.

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- Техническую поддержку проекта.
- Защиту от снятия компонента с производства.
- Оценку стоимости проекта по компонентам.
- Изготовление тестовой платы монтаж и пусконаладочные работы.



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