



## Main

Range of product	OsiSense XU
Series name	Application material handling
Electronic sensor type	Photo-electric sensor receiver
Sensor name	XUB
Sensor design	Cylindrical M18
Detection system	Thru beam
Material	Plastic
Type of output signal	Discrete
Supply circuit type	DC
Wiring technique	3-wire
Discrete output type	PNP
Discrete output function	1 NO or 1 NC programmable
Electrical connection	Cable
Cable length	6.56 ft (2 m)
Product specific application	-
Emission	Red laser thru beam (class 1), wavelength: 2.6378E-05 in (670 nm) conforming to IEC 60825-1
[Sn] nominal sensing distance	0...328.08 ft (0...100 m) thru beam need a transmitter XUBLAKCNL2T

## Complementary

Enclosure material	PBT
Lens material	PMMA
Output type	Solid state
Wire insulation material	PvR
Status LED	1 LED (green) supply on 1 LED (red) stability 1 LED (yellow) output state
[Us] rated supply voltage	12...24 V DC with reverse polarity protection
Supply voltage limits	10...30 V DC
Switching capacity in mA	<= 100 mA (overload and short-circuit protection)
Switching frequency	<= 1500 Hz
Voltage drop	<= 1.5 V (closed state)
Current consumption	25 mA (no-load)
Delay first up	< 80 ms
Delay response	< 0.4 ms
Delay recovery	< 0.4 ms
Diameter	0.71 in (18 mm)
Length	2.44 in (62 mm)
Product weight	0.2 lb(US) (0.09 kg)

## Environment

product certifications	CE CSA UL
ambient air temperature for operation	14...113 °F (-10...45 °C)
ambient air temperature for storage	-40...158 °F (-40...70 °C)
vibration resistance	7 gn, amplitude = +/- 1.5 mm (f = 10...55 Hz) conforming to IEC 60068-2-6
shock resistance	30 gn (duration = 11 ms) conforming to IEC 60068-2-27

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.

IP degree of protection

IP67 double insulation conforming to IEC 60529

### Offer Sustainability

Not Green Premium product

Not Green Premium product

Compliant - since 0901 - Schneider Electric declaration of conformity

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Available

Available

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WARNING: This product can expose you to chemicals including:

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Diisononyl phthalate (DINP), which is known to the State of California to cause cancer, and

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Di-isodecyl phthalate (DIDP), which is known to the State of California to cause birth defects or other reproductive harm.

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For more information go to [www.p65warnings.ca.gov](http://www.p65warnings.ca.gov)

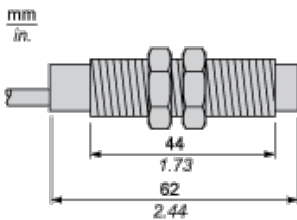
For more information go to [www.p65warnings.ca.gov](http://www.p65warnings.ca.gov)

### Contractual warranty

Warranty period

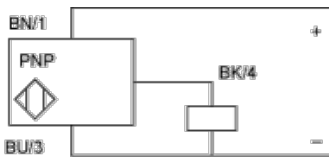
18 months

### Dimensions



### Wiring Schemes

#### PNP



(+) Brown

BN :

(-) Blue

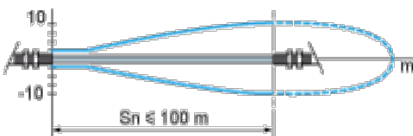
BU :

(Output)Black

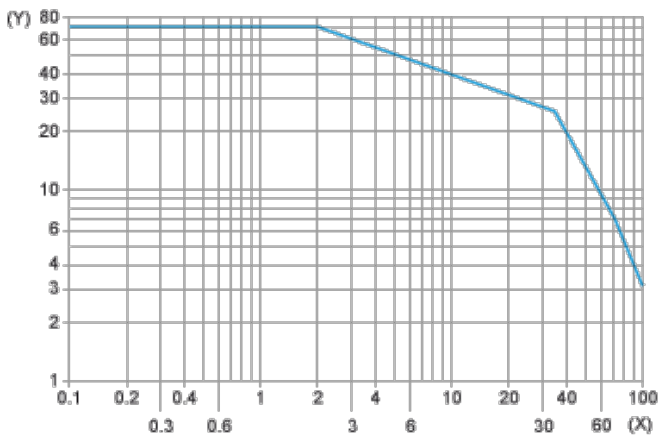
BK :

### Curves

#### Detection Curve (Set to Infinity)



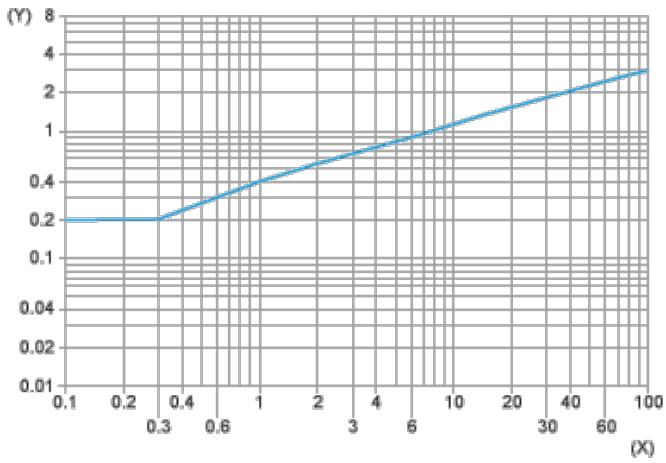
#### Excess Gain Curve



(X) Distance (m)

(Y) Gain

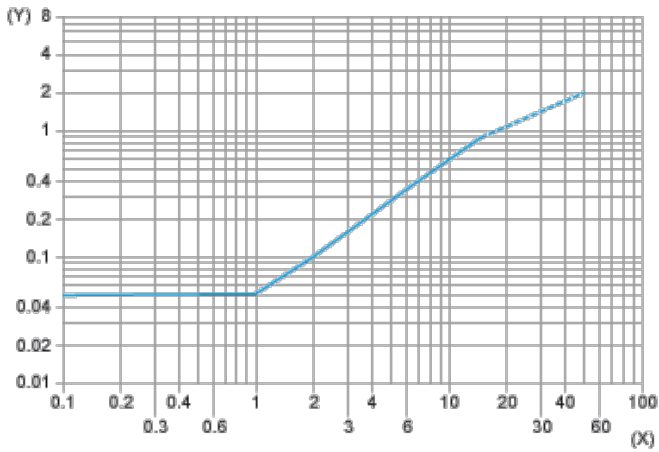
**Standard Curve**



(X) Distance focusing point (m)

(Y) Minimum size of the object to be detected (mm)

**Detection Limit Curve**



(X) Distance focusing point (m)

(Y) Minimum size of the object to be detected (mm)

## Данный компонент на территории Российской Федерации

### Вы можете приобрести в компании MosChip.

Для оперативного оформления запроса Вам необходимо перейти по данной ссылке:

<http://moschip.ru/get-element>

Вы можете разместить у нас заказ для любого Вашего проекта, будь то серийное производство или разработка единичного прибора.

В нашем ассортименте представлены ведущие мировые производители активных и пассивных электронных компонентов.

Нашей специализацией является поставка электронной компонентной базы двойного назначения, продукции таких производителей как XILINX, Intel (ex.ALTERA), Vicor, Microchip, Texas Instruments, Analog Devices, Mini-Circuits, Amphenol, Glenair.

Сотрудничество с глобальными дистрибьюторами электронных компонентов, предоставляет возможность заказывать и получать с международных складов практически любой перечень компонентов в оптимальные для Вас сроки.

На всех этапах разработки и производства наши партнеры могут получить квалифицированную поддержку опытных инженеров.

Система менеджмента качества компании отвечает требованиям в соответствии с ГОСТ Р ИСО 9001, ГОСТ РВ 0015-002 и ЭС РД 009

### Офис по работе с юридическими лицами:

105318, г.Москва, ул.Щербаковская д.3, офис 1107, 1118, ДЦ «Щербаковский»

Телефон: +7 495 668-12-70 (многоканальный)

Факс: +7 495 668-12-70 (доб.304)

E-mail: [info@moschip.ru](mailto:info@moschip.ru)

Skype отдела продаж:

moschip.ru

moschip.ru\_4

moschip.ru\_6

moschip.ru\_9