



## Main

Range of product	OsiSense XU
Series name	General purpose
Electronic sensor type	Photo-electric sensor
Sensor name	XUVR
Sensor design	Fork
Detection system	Thru beam
Emission	Red LED, modulated
Passage width	1.97 in (50 mm)
Passage depth	2.36 in (60 mm)
Material	Metal/plastic
Supply circuit type	DC
Wiring technique	3-wire
Discrete output type	PNP
Discrete output function	1 NC
Electrical connection	1 male connector M8, 3 pins
Product specific application	Detection on small conveyor
[Sn] nominal sensing distance	1.97 in (50 mm)

## Complementary

Enclosure material	Painted aluminium and polyamide/glass
Spot diameter	0.03 in (0.8 mm)
Type of output signal	Discrete
Output type	Solid state
Status LED	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	4000 Hz
Voltage drop	<= 1.5 V (closed state)
Current consumption	< 20 mA (no-load)
Product weight	0.42 lb(US) (0.19 kg)

## Environment

product certifications	CE CSA UL
ambient air temperature for operation	14...140 °F (-10...60 °C)
ambient air temperature for storage	-40...176 °F (-40...80 °C)
immunity to ambient light	10000 lux with natural light 5000 lux with incandescent bulb
vibration resistance	7 gn, amplitude = +/- 0.75 mm (f = 10...55 Hz) conforming to IEC 60068-2-6
shock resistance	30 gn (duration = 11 ms) conforming to IEC 60068-2-27
IP degree of protection	IP65 IP67

## Offer Sustainability

Not Green Premium product	Not Green Premium product
Compliant - since 0906 - Schneider Electric declaration of conformity	Compliant - since 0906 - Schneider Electric declaration of conformity

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.

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

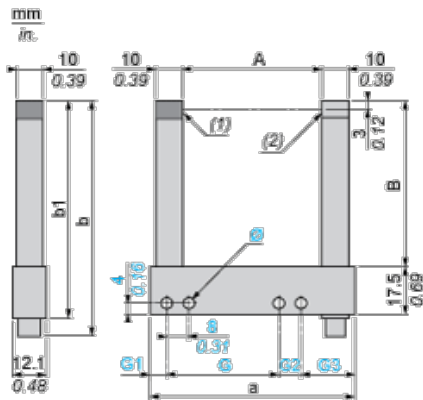
Di-isodecyl phthalate (DIDP), which is known to the State of California to cause birth defects or other reproductive harm.      Di-isodecyl phthalate (DIDP), which is known to the State of California to cause birth defects or other reproductive harm.

For more information go to [www.p65warnings.ca.gov](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



- (1) Transmission LED
- (2) Yellow LED: output signal

#### Dimensions in mm

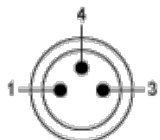
Passageway A	Depth B	a	b	b1	G	G1	G2	G3	Ø
50	60	74	85.7	77.5	40	6.5	8	19.5	4 x 4.3

#### Dimensions in in.

Passageway A	Depth B	a	b	b1	G	G1	G2	G3	Ø
1.97	2.36	2.91	3.37	3.05	1.57	0.26	0.31	0.77	0.16 x 0.17

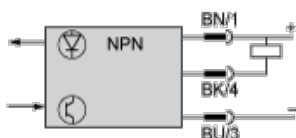
### Wiring Schemes

#### M8 Connector



- 1 : BN: Brown
- 3 : BU: Blue
- 4 : BK: Black

#### NPN Output



## 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

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