



Product Life Status : **END OF STANDARD SERVICE**

TODAY  
FEB 22, 2021

End of Commercialization  
DEC 08, 2020

End of Standard Service  
DEC 08, 2020



## Main

Range of product	OsiSense XU
Series name	General purpose single mode
Electronic sensor type	Photo-electric sensor receiver
Sensor name	XUX
Sensor design	Compact 92 x 71
Detection system	Thru beam
Material	Plastic
Type of output signal	Discrete
Supply circuit type	DC
Wiring technique	3-wire
Discrete output type	NPN
Discrete output function	1 NC
Electrical connection	Screw-clamp terminals, 1 x 1.5 mm <sup>2</sup> or 1 x 0.75 mm <sup>2</sup> with adaptor
Product specific application	-
Emission	Infrared thru beam
[Sn] nominal sensing distance	40 m thru beam need a transmitter XUX0AKSAT16T

Product Life Status : **END OF STANDARD SERVICE**

FEB 22, 2021

End of Commercialization  
DEC 08, 2020

End of Standard Service  
DEC 08, 2020

## Complementary

Enclosure material	PBT
Lens material	PMMA
Maximum sensing distance	60 m thru beam
Output type	Solid state
Add on output	Without
Cable entry	1 entry for M16 x 1.5 cable gland, cable outer diameter: 7...10 mm
Status LED	1 LED (yellow) for output state 1 LED (green) for supply
[Us] rated supply voltage	12...24 V DC with reverse polarity protection
Supply voltage limits	10...36 V DC
Switching capacity in mA	<= 100 mA (overload and short-circuit protection)
Switching frequency	<= 250 Hz

Maximum voltage drop	<1.5 V (closed state)
Current consumption	<= 35 mA no-load
Maximum delay first up	15 ms
Maximum delay response	2 ms
Maximum delay recovery	2 ms
Setting-up	Sensitivity adjustment
Depth	77 mm
Height	92 mm
Width	31 mm
Net weight	0.2 kg

## Environment

Product certifications	UL CSA CE
Ambient air temperature for operation	-25...55 °C
Ambient air temperature for storage	-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
IP degree of protection	IP65 double insulation conforming to IEC 60529 IP67 double insulation conforming to IEC 60529

## Packing Units

Unit Type of Package 1	PCE
Number of Units in Package 1	1
Package 1 Weight	182 g
Package 1 Height	13.2 cm
Package 1 width	9.5 cm
Package 1 Length	4.2 cm
Unit Type of Package 2	S02
Number of Units in Package 2	22
Package 2 Weight	4.461 kg
Package 2 Height	15 cm
Package 2 width	30 cm
Package 2 Length	40 cm

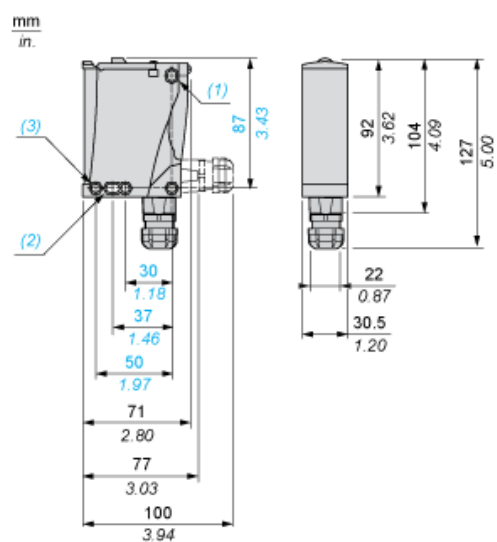
## Offer Sustainability

Sustainable offer status	Green Premium product
REACH Regulation	<a href="#">REACH Declaration</a>
EU RoHS Directive	Pro-active compliance (Product out of EU RoHS legal scope) <a href="#">EU RoHS Declaration</a>
Mercury free	Yes
RoHS exemption information	<a href="#">Yes</a>
Environmental Disclosure	<a href="#">Product Environmental Profile</a>
Circularity Profile	<a href="#">End of Life Information</a>

## Contractual warranty

Warranty	18 months
----------	-----------

## Dimensions



- (1) Elongated hole Ø 5.5 x 7
- (2) Elongated hole Ø 5.5 x 9
- (3) Ø 5.5 hole

---

Wiring Schemes

---

PNP/NPN DC

M12		Terminals		
1	●	1	⊘	+
3	●	2	⊘	-
4	●	3	⊘	Output

---

Detection Curves

---

