



## Main

Range of product	OsiSense XU
Series name	General purpose single mode
Electronic sensor type	Photo-electric sensor
Sensor name	XUB
Sensor design	Cylindrical M18
Detection system	Reflex
Material	Plastic
Line of sight type	Axial
Type of output signal	Discrete
Supply circuit type	DC
Wiring technique	3-wire
Discrete output type	PNP
Discrete output function	1 NC
Electrical connection	1 male connector M12, 4 pins
Product specific application	-
Emission	Infrared reflex
[Sn] nominal sensing distance	13.12 Ft (4 m) reflex need reflector XUZC50

## Complementary

Enclosure material	PBT
Lens material	PMMA
Maximum sensing distance	18.04 Ft (5.5 m) reflex
Output type	Solid state
Add on output	Without
Wire insulation material	PvR
Status LED	1 LED yellow)output state
[Us] rated supply voltage	12...24 V DC reverse polarity protection
Supply voltage limits	10...36 V DC
Switching capacity in mA	<= 100 mA (overload and short-circuit protection)
Switching frequency	<= 500 Hz
Maximum voltage drop	<1.5 V (closed state)
Current consumption	35 mA no-load
Maximum delay first up	15 Ms
Maximum delay response	1 Ms
Maximum delay recovery	1 Ms

Setting-up	Without sensitivity adjustment
Diameter	0.71 In (18 mm)
Length	2.44 In (62 mm)
Net weight	0.09 Lb(US) (0.04 kg)

## Environment

Product certifications	CE CSA UL
Ambient air temperature for operation	-13...131 °F (-25...55 °C)
Ambient air temperature for storage	-40...158 °F (-40...70 °C)
Vibration resistance	7 gn +/- 1.5 mm 10...55 Hz) IEC 60068-2-6
Shock resistance	30 gn 11 ms) IEC 60068-2-27
IP degree of protection	IP67 double insulation IEC 60529 IP65 double insulation IEC 60529 IP69K double insulation conforming to DIN 40050

## Packing Units

Package 1 Weight	0.07 Lb(US) (0.033 kg)
Package 1 Height	0.420 Dm
Package 1 width	0.960 Dm
Package 1 Length	0.670 Dm

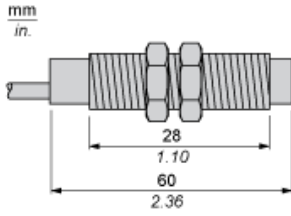
## Offer Sustainability

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
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Dimensions



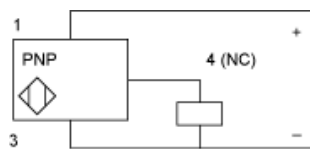
## Wiring Schemes

### M12 Connector



- 1: (+)
- 3: (-)
- 4: OUT/Output

### PNP Outputs



Detection Curves



With reflector XUZC50

Product Life Status : Commercialised