

Product availability: Non-Stock - Not normally stocked in distribution facility



## 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	Polarised reflex
Material	Metal
Line of sight type	90° lateral
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	Red polarised reflex
[Sn] nominal sensing distance	6.56 ft (2 m) polarised reflex need reflector XUZC50

## Complementary

Enclosure material	Nickel plated brass
Lens material	PMMA
Maximum sensing distance	9.84 ft (3 m) polarised reflex
Output type	Solid state
Output function governance	Light or dark programmable
Add on output	With alarm output
Cable composition	5 x 0.34 mm <sup>2</sup>
Wire insulation material	PvR
Cable outer diameter	0.24 in (6 mm)
Status LED	1 LED (red) stability 1 LED (yellow) output state
[Us] rated supply voltage	12...24 V DC reverse polarity protection
Supply voltage limits	10...38 V DC
Switching capacity in mA	<= 100 mA (overload and short-circuit protection)
Switching frequency	<= 500 Hz
Voltage drop	<= 1.5 V (closed state)
Current consumption	<= 50 mA (no-load)
Delay first up	<= 15 ms
Delay response	<= 1 ms
Delay recovery	<= 1 ms
Setting-up	Sensitivity adjustment with potentiometer
Diameter	0.71 in (18 mm)
Depth	1.73 in (44 mm)
Height	3.9 in (99 mm)
Length	2.99 in (76 mm)
Width	1.77 in (45 mm)

Product weight	0.11 lb(US) (0.05 kg)
Kit composition	Transmitter + receiver

## 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 (f = 10...55 Hz) conforming to IEC 60068-2-6
Shock resistance	20 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 IP69K double insulation conforming to DIN 40050

## Ordering and shipping details

Category	22415 - SENSORS, PHOTOELECTRIC, BASIC
Discount Schedule	DS2
GTIN	00785901700234
Nbr. of units in pkg.	1
Package weight(Lbs)	0.12
Returnability	N
Country of origin	FR

## Offer Sustainability

RoHS (date code: YYWW)	Compliant - since 0901 - Schneider Electric declaration of conformity <a href="#">Schneider Electric declaration of conformity</a>
REACH	Reference not containing SVHC above the threshold
California proposition 65	WARNING: This product can expose you to chemicals including:
- - - - - Substance 1	Diisononyl phthalate (DINP), which is known to the State of California to cause cancer, and
- - - - - Substance 2	Diisodecyl phthalate (DIDP), which is known to the State of California to cause birth defects or other reproductive harm.
- - - - - More information	For more information go to <a href="http://www.p65warnings.ca.gov">www.p65warnings.ca.gov</a>

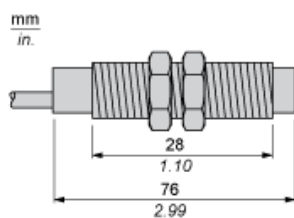
## Contractual warranty

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

---

Dimensions

---



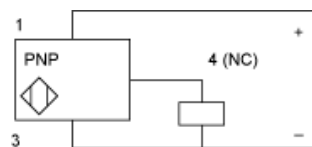
## Wiring Schemes

### M12 Connector



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

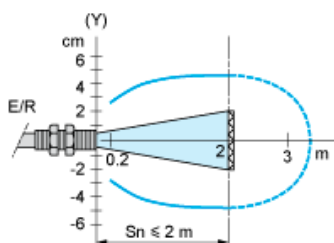
### PNP Outputs



---

Detection Curves

---



(Y) Ø of beam  
With reflector XUZY50

# Mouser Electronics

Authorized Distributor

Click to View Pricing, Inventory, Delivery & Lifecycle Information:

[Schneider Electric:](#)

[XUB9BPBWM12](#)