

# Product data sheet

## Characteristics

# XUB4ANANL5

photo-electric sensor - XUB - diffuse - Sn 0.1m -  
12..24VDC - cable 5m

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

Price\* : 95.00 USD



### 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	Diffuse
Material	Plastic
Line of sight type	Axial
Type of output signal	Discrete
Supply circuit type	DC
Wiring technique	3-wire
Discrete output type	NPN
Discrete output function	1 NO
Electrical connection	Cable
Cable length	16.4 ft (5 m)
Product specific application	-
Emission	Infrared diffuse
[Sn] nominal sensing distance	0.33 ft (0.1 m) diffuse

### Complementary

Enclosure material	PBT
Lens material	PMMA
Maximum sensing distance	0.49 ft (0.15 m) diffuse
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 with 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
Voltage drop	1.5 V (closed state)
Current consumption	35 mA (no-load)
Delay first up	< 15 ms
Delay response	< 1 ms
Delay recovery	< 1 ms
Setting-up	Without sensitivity adjustment
Diameter	0.71 in (18 mm)
Length	2.44 in (62 mm)

## 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, 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

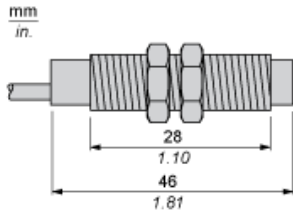
## Ordering and shipping details

Category	22481 - SENSORS, PHOTOELECTRIC
Discount Schedule	DS2
Nbr. of units in pkg.	1
Package weight(Lbs)	0.4100000000000003
Returnability	N
Country of origin	FR

## Contractual warranty

Warranty period	18 months
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Dimensions

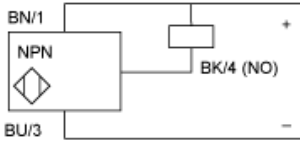


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Wiring Schemes

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NPN Outputs

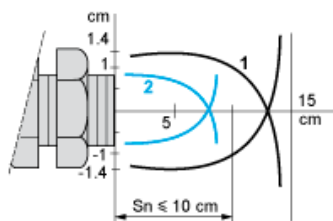


- BN : Brown
- BU : Blue
- BK : Black

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Detection Curves

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- 1 : White 90%
  - 2 : Grey 18%
- Object 10 x 10 cm