

# Product data sheet

## Characteristics

# XUB9BNBWL2

photo-electric sensor - XUB - polarised - 90° - Sn  
2m - 12..24VDC - cable 2m

Price\* : 67.60 USD

XUB9BNBWL2 has not been replaced. Please contact your customer care center for more information.



⚠ Discontinued

### 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	NPN
Discrete output function	1 NC
Electrical connection	Cable
Cable length	6.56 ft (2 m)
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
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	2.99 in (76 mm)
Product weight	0.11 lb(US) (0.05 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, 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	22415 - SENSORS, PHOTOELECTRIC, BASIC
Discount Schedule	DS2
Nbr. of units in pkg.	1
Package weight(Lbs)	0.14999999999999999
Returnability	N
Country of origin	FR

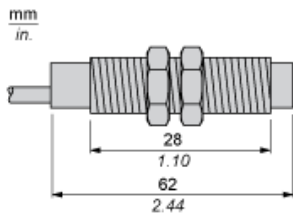
## Contractual warranty

Warranty period	18 months
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Dimensions

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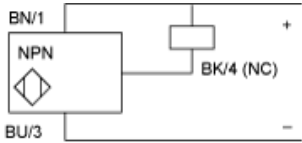


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Wiring Schemes

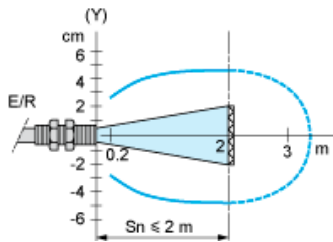
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NPN Outputs



BN : Brown  
BU : Blue  
BK : Black

Detection Curves



(Y) Ø of beam  
With reflector XUZY50