

Product data sheet

Characteristics

XUB1BNBWL5

photo-electric sensor - XUB - reflex - 90° - Sn 4m
- 12..24VDC - cable 5m

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

Price** : 96.00 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	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	16.4 ft (5 m)
Product specific application	-
Emission	Infrared reflex
[Sn] nominal sensing distance	13.12 ft (4 m) reflex need reflector XUZC50

Complementary

Enclosure material	Nickel plated brass
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
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	UL CE CSA
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

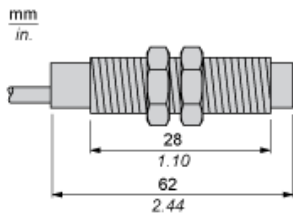
Ordering and shipping details

Category	22481 - SENSORS, PHOTOELECTRIC
Discount Schedule	DS2
Nbr. of units in pkg.	1
Package weight(Lbs)	0.4899999999999999
Returnability	N
Country of origin	FR

Contractual warranty

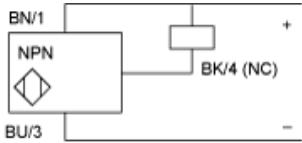
Warranty period	18 months
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Dimensions



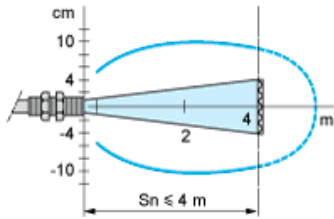
Wiring Schemes

NPN Outputs



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

Detection Curves



With reflector XUZC50