

Product data sheet

Characteristics

XUB5ANANL5

photo-electric sensor - XUB - diffuse - Sn 0.6m -
12..24VDC - cable 5m

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

Price* : 60.90 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	1.97 ft (0.6 m) diffuse

Complementary

Enclosure material	PBT
Lens material	PMMA
Maximum sensing distance	2.62 ft (0.8 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	Sensitivity adjustment
Diameter	0.71 in (18 mm)
Length	3.07 in (78 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	22415 - SENSORS, PHOTOELECTRIC, BASIC
Discount Schedule	DS2
GTIN	003389110395792
Nbr. of units in pkg.	1
Package weight(Lbs)	0.41000000000000003
Returnability	N
Country of origin	ID

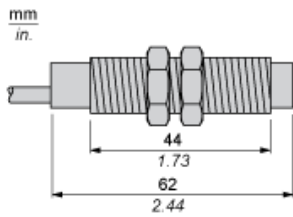
Offer Sustainability

RoHS (date code: YYWW)	Compliant - since 0847 - Schneider Electric declaration of conformity Schneider Electric declaration of conformity
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	Di-isodecyl 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 www.p65warnings.ca.gov

Contractual warranty

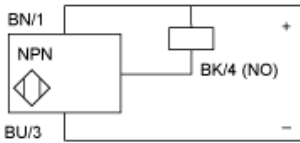
Warranty period	18 months
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Dimensions



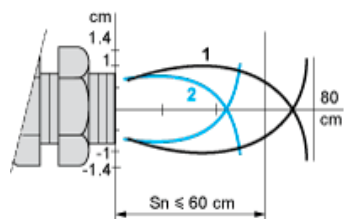
Wiring Schemes

NPN Outputs



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

Detection Curves



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