XUB1BNANL2
Photoelectric sensors XU, XUB, reflex, Sn 4 m, 12...24 VDC, cable 2 m

Green Premium™

Main

Range of Product	Telemecanique Photoelectric sensors 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	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	6.56 ft (2 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
Maximum voltage drop	<1.5 V closed state)
Current consumption	35 mA no-load
Maximum delay first up	15 ms
Maximum delay response	1 ms
Maximum delay recovery	1 ms
Setting-up	Without sensitivity adjustment
Diameter	0.71 in (18 mm)
Length	1.81 in (46 mm)

Environment

Product Certifications	CSA CE 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 +/- 1.5 mm 10…55 Hz) IEC 60068-2-6
Shock resistance	30 gn 11 ms) IEC 60068-2-27
IP degree of protection	IP67 double insulation IEC 60529 IP65 double insulation IEC 60529

Ordering and shipping details

Category	22415-SENSORS, PHOTOELECTRIC, BASIC
Discount Schedule	DS2
GTIN	3389110148770
Returnability	No
Country of origin	FR

Packing Units

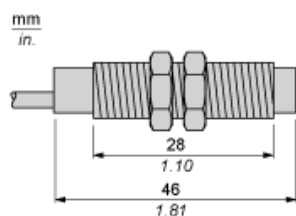|	
Unit Type of Package 1	PCE
Number of Units in Package 1	1
Package 1 Height	1.65 in (4.2 cm)
Package 1 Width	3.82 in (9.7 cm)
Package 1 Length	5.20 in (13.2 cm)
Package 1 Weight	3.81 oz (108.0 g)
Unit Type of Package 2	S02
Number of Units in Package 2	1
Package 2 Height	5.91 in (15.0 cm)
Package 2 Width	11.81 in (30.0 cm)
Package 2 Length	15.75 in (40.0 cm)
Package 2 Weight	16.05 oz (455.0 g)
Unit Type of Package 3	S01
Number of Units in Package 3	11
Package 3 Height	5.91 in (15.0 cm)
Package 3 Width	5.91 in (15.0 cm)
Package 3 Length	15.75 in (40.0 cm)
Package 3 Weight	3.12 lb(US) (1.413 kg)

Offer Sustainability

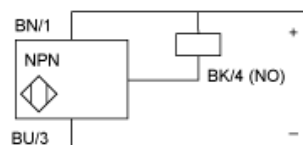|	
Sustainable offer status	Green Premium product
California proposition 65	WARNING: This product can expose you to chemicals including: Diisononyl phthalate (DINP), which is known to the State of California to cause cancer, and Di-isodecyl phthalate (DIDP), which is known to the State of California to cause birth defects or other reproductive harm. For more information go to www.P65Warnings.ca.gov
REACh Regulation	REACh Declaration
EU RoHS Directive	Pro-active compliance (Product out of EU RoHS legal scope) EU RoHS Declaration
Mercury free	Yes
RoHS exemption information	Yes
Environmental Disclosure	Product Environmental Profile
Circularity Profile	End Of Life Information

Contractual warranty

Warranty	18 months

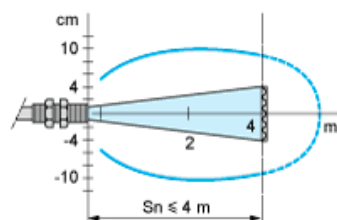## Dimensions

XUB1BNANL2

Wiring Schemes

NPN Outputs

BN : Brown
BU : Blue
BK : Black

Detection Curves

With reflector XUZC50

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