Product data sheet

Specifications

Photoelectric sensors XU, XUB, polarised, Sn 2 m, 12...24 VDC, cable 2 m

XUB9APANL2

⚠ To be discontinued on: Apr 4, 2025

⚠ **To be discontinued**

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	Polarised reflex
Material	Plastic
Line Of Sight Type	Axial
Type Of Output Signal	Discrete
Supply Circuit Type	DC
Wiring Technique	3-wire
Discrete Output Type	PNP
Discrete Output Function	1 NO
Electrical Connection	Cable
Cable Length	2 m
Product Specific Application	-
Emission	Red polarised reflex
[Sn] Nominal Sensing Distance	2 m polarised reflex need reflector XUZC50

Complementary

Enclosure Material	PBT
Lens Material	PMMA
Maximum Sensing Distance	3 m polarised reflex
Output Type	Solid state
Add On Output	Without
Wire Insulation Material	PvR
Status Led	1 LED (yellow) for 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
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	18 mm
Length	62 mm
Net Weight	0.04 kg

Environment

Product Certifications	CSA UL CE
Ambient Air Temperature For Operation	-25…55 °C
Ambient Air Temperature For Storage	-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	IP67 double insulation conforming to IEC 60529 IP65 double insulation conforming to IEC 60529

Packing Units

Unit Type Of Package 1	PCE
Number Of Units In Package 1	1
Package 1 Height	4.4 cm
Package 1 Width	9.8 cm
Package 1 Length	13.0 cm
Package 1 Weight	91.0 g
Unit Type Of Package 2	S02
Number Of Units In Package 2	22
Package 2 Height	15.0 cm
Package 2 Width	30.0 cm
Package 2 Length	40.0 cm
Package 2 Weight	2.335 kg

Contractual warranty

Warranty	18 months

Sustainability

Green Premium^{TM} label is Schneider Electric's commitment to delivering products with best-in-class environmental performance. Green Premium promises compliance with the latest regulations, transparency on environmental impacts, as well as circular and low-CO_2 products.

Guide to assessing product sustainability is a white paper that clarifies global eco-label standards and how to interpret environmental declarations.

Learn more about Green Premium >

Guide to assess a product's sustainability >

RoHS/REACh

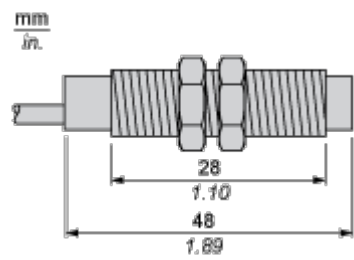## Well-being performance

✓ Rohs Exemption Information   Yes

Certifications & Standards

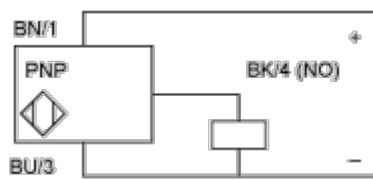|	
Reach Regulation	REACh Declaration
Eu Rohs Directive	Pro-active compliance (Product out of EU RoHS legal scope)
California Proposition 65	WARNING: This product can expose you to chemicals including: Diisononyl phthalate (DINP), which is known to the State of California to cause cancer, and Di-isodecyl 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

Dimensions Drawings

Dimensions

mm
in.

28
1.10
48
1.89

Connections and Schema

Wiring Schemes

PNP Outputs

BN/1

PNP

BK/4 (NO)

BU/3

+

−

BN :   Brown
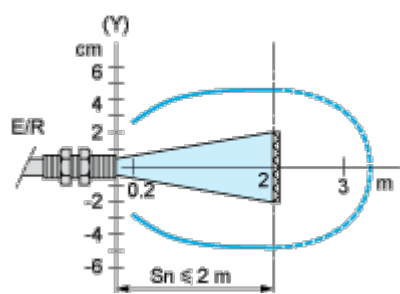
BU :   Blue

BK :   Black

Performance Curves

Detection Curves

(Y)   Ø of beam

With reflector XUZC50