

Product data sheet

XUB9BPANL5

Photoelectric sensor XUB, metal, polarised reflex, Sn 2 m, 12...24 VDC, cable 5 m, NO

Main

Range of product	Telemecanique Photoelectric sensors XU
Series name	General purpose single mode
Sensor name	XUB
Electronic sensor type	Photo-electric sensor
Sensor design	Cylindrical M18
Product specific application	Not applicable
ETIM classification	ETIM 9 - EC002717 - Retroreflective photoelectric sensor
Material	Metal
Lens material	PMMA
Enclosure material	Nickel plated brass
[Sn] nominal sensing distance	2-2 m polarised reflex need reflector XUZC50
Maximum sensing distance	3 m polarised reflex
Wiring technique	3-wire
Diameter	18 mm
Detection system	Polarised reflex
Line of sight type	Axial
Delay response	1 ms
Indivisible sale quantity	1

Complementary

Sensing range	> 1...5 m
Electrical connection	Cable
Cable length	5 m
Supply voltage limits	10-36 V DC
[Us] rated supply voltage	12...24 V DC with reverse polarity protection
Supply circuit type	DC
Switching capacity in mA	<= 100 mA (overload and short-circuit protection)
Maximum voltage drop	<1.5 V (closed state)
Current consumption	35 mA no-load

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This documentation is not intended as a substitute for and is not to be used for determining suitability or reliability of these products for specific user applications.
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Emission	Red polarised reflex
Setting-up	Without sensitivity adjustment
Output type	Solid state
Type of output signal	Discrete
Add on output	Without
Discrete output type	PNP
Discrete output function	1 NO
Switching frequency	500 Hz
Status LED	1 LED (yellow) for output state
Delay first up	15 ms
Delay recovery	1 ms
Length	62 mm

Environment

IP degree of protection	IP67 double insulation conforming to IEC 60529, IP65 double insulation conforming to IEC 60529
Ambient air temperature for operation	-25...55 °C
Ambient air temperature for operation	-25-55 °C
Ambient air temperature for storage	-40...70 °C
Shock resistance	30 gn (duration = 11 ms) conforming to IEC 60068-2-27
Vibration resistance	7 gn, amplitude = +/- 1.5 mm (f = 10-55 Hz) conforming to IEC 60068-2-6

Offer Sustainability

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

Warranty

Warranty	18 months

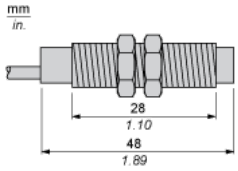
Packing Units

Country of origin	FR (France)
Unit type of package 1	PCE
Number of units in package 1	1
New Package 1 GTIN-13	3666916035757
Package 1 height	6.7 cm
Package 1 width	9.5 cm
Package 1 length	13.2 cm
Package 1 weight	0.194 kg
Unit type of package 2	S01

Number of units in package 2	22
New Package 2 GTIN 14	13666916035754
Package 2 height	15 cm
Package 2 width	14.8 cm
Package 2 length	39.8 cm
Package 2 weight	4.268 kg
Unit type of package 3	S02
Number of units in package 3	14
New Package 3 GTIN 14	23666916035751
Package 3 height	15 cm
Package 3 width	30 cm
Package 3 length	40 cm
Package 3 weight	3.171 kg

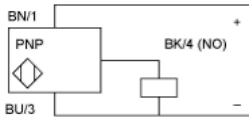
Technical Drawings

Dimensions



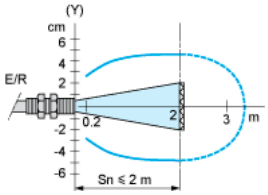
Wiring Schemes

PNP Outputs



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

Detection Curves



- (Y) Ø of beam

With reflector XUZC50