

Product data sheet

XUB8BNXWL2

Photoelectric sensor XUB, metal, diffuse, Sn 0.3 m, cable 2 m, NPN, NO/NC

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
ETIM classification	ETIM 9 - EC001821 - Diffuse reflective photoelectric sensor
Material	Metal
Lens material	PMMA
Enclosure material	PC/PBT
[Sn] nominal sensing distance	0.15-0.15 m diffuse with background suppression
Maximum sensing distance	0.15 m diffuse with background suppression
Wiring technique	4 wires
Diameter	18 mm
Detection system	Diffuse with background suppression
Line of sight type	90° lateral
Delay response	0.5 ms
Indivisible sale quantity	1

Complementary

Sensing range	0.01...0.15 m
Electrical connection	Cable
Cable length	2 m
Supply voltage limits	10-30 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	<2 V (closed state)no-load
Current consumption	< 20 mA no load
Emission	Red LED diffuse with background suppression

The information provided in this documentation contains general descriptions and/or technical characteristics of the performance of the products contained herein.
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.
It is the duty of any such user or integrator to perform the appropriate and complete risk analysis, evaluation and testing of the products with respect to the relevant specific application or use thereof.
Neither TMSS Holding nor any of its affiliates or subsidiaries shall be responsible or liable for misuse of the information contained herein.

Setting-up	Sensitivity by potentiometer
Output type	Discrete
Type of output signal	Discrete
Discrete output type	NPN
Discrete output function	1 NO or 1 NC programmable
Switching frequency	1000 Hz
Status LED	1 LED (green) for supply on/stability, 1 LED (orange) for output state
Delay first up	300 ms
Delay recovery	0.5 ms
Length	55.2 mm
Product weight	0.09 kg

Environment

IP degree of protection	IP67 conforming to IEC 60529, IP65 conforming to IEC 60529
Ambient air temperature for operation	-30…55 °C
Ambient air temperature for operation	-30-55 °C
Ambient air temperature for storage	-40…70 °C
Shock resistance	30 gn (duration = 11 ms) for for every axis conforming to IEC 60068-2-27
Vibration resistance	7 gn, amplitude = +/- 1.5 mm (f = 10-55 Hz)for every axis conforming to IEC 60068-2-6
Relative humidity	35-95 %
Immunity to ambient light	40000 lux sunlight, 10000 lux incandescent light

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. Fo more information go to www.P65Warnings.ca.gov

Warranty

Warranty	18 months

Packing Units

Country of origin	ID (Indonesia)
Unit type of package 1	PCE
Number of units in package 1	1
New Package 1 GTIN-13	3666916035023
Package 1 height	4.2 cm
Package 1 width	9.6 cm
Package 1 length	13.2 cm
Package 1 weight	0.095 kg

Unit type of package 2	S02
Number of units in package 2	36
New Package 2 GTIN 14	13666916035020
Package 2 height	15 cm
Package 2 width	30 cm
Package 2 length	40 cm
Package 2 weight	4.42 kg
New Package 3 GTIN 14	23666916035027