



## XUB8BPXWL2

Photoelectric sensors XU, Photo electric Sensor, Cylindrical, Metal, Angled, Diffuse  
BGS, Smax 0.2 m, PNP, Cable 2m

COMMERCIALISED

### 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	Diffuse with background suppression
Material	Metal
Line of sight type	90° lateral
Type of output signal	Discrete
Supply circuit type	DC
Wiring technique	4 wires
[Sn] nominal sensing distance	0.15–0.15 m diffuse with background suppression
Discrete output type	PNP
Discrete output function	1 NO or 1 NC programmable
Electrical connection	Cable
Emission	Red LED diffuse with background suppression

### Complementary

Enclosure material	PC/PBT
Lens material	PMMA
Output type	Discrete
Status LED	1 LED (green) for supply on/stability, 1 LED (orange) for output state
[Us] rated supply voltage	12...24 V DC with reverse polarity protection
Switching capacity in mA	<= 100 mA (overload and short-circuit protection)

Switching frequency	1000 Hz
Maximum voltage drop	<2 V (closed state)no-load
Current consumption	< 20 mA no load
Delay first up	300 MILLISECOND
Delay response	0.5 MILLISECOND
Delay recovery	0.5 MILLISECOND
Setting-up	Sensitivity by potentiometer

## Environment

Vibration resistance	7 gn, amplitude = +/- 1.5 mm (f = 10-55 Hz) for every axis conforming to IEC 60068-2-6
Shock resistance	30 gn (duration = 11 ms) for every axis conforming to IEC 60068-2-27
IP degree of protection	IP67 conforming to IEC 60529, IP65 conforming to IEC 60529

## Packing Units

Unit type of package 1	PCE
Number of units in package 1	1
Package 1 height	4.2 CENTIMETER
Package 1 width	9.6 CENTIMETER
Package 1 length	13.2 CENTIMETER
Package 1 weight	90 GRAM

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