



XUB8BNXL2

Photoelectric sensors XU, Photo electric Sensor, Cylindrical, Metal, Angled, Diffuse
BGS, Smax 0.2 m, NPN, 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	NPN
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 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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