Product data sheet
Characteristics

XUB8ANXNL2
Photoelectric sensors XU, Photo electric Sensor, Cylindrical, Plastic, Diffuse BGS, Smax 0.3 m, NPN, Cable 2m

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	Plastic
Line of sight type	Axial
Type of output signal	Discrete
Supply circuit type	DC
Wiring technique	4 wires
Discrete output type	NPN
Discrete output function	1 NO or 1 NC programmable
Electrical connection	Cable
Cable length	2 m
Emission	Red LED diffuse with background suppression
[Sn] nominal sensing distance	0.3 m diffuse with background suppression

Complementary

Enclosure material	PC/PBT
Lens material	PMMA
Maximum sensing distance	0.3 m diffuse with background suppression
Output type	Discrete
Wire insulation material	PVC
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
Supply voltage limits	10…30 V DC
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
Maximum delay first up	300 ms
Maximum delay response	0.5 ms
Maximum delay recovery	0.5 ms
Setting-up	Sensitivity by potentiometer
Diameter	18 mm
Length	44 mm
Net weight	0.090 kg

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Environment

Product certifications	CE[RETURN]cULus[RETURN]UKCA[RETURN]RoHS
Ambient air temperature for operation	-30…55 °C
Ambient air temperature for storage	-40…70 °C
Relative humidity	35…95 %
Immunity to ambient light	40000 Lux sunlight 10000 lux incandescent light
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 cm
Package 1 Width	9.6 cm
Package 1 Length	13.2 cm
Package 1 Weight	90.0 g

Offer Sustainability

Take-back	No
For all Reach Rohs enquiries contact us at	sustainability@tesensors.com