

XUB5APANM12

photo-electric sensor - XUB - diffuse - Sn 0.6m
- 12..24VDC - M12



Main

Range of product	OsiSense XU
Series name	Optimum
Specific application of photoelectric detector	Object
Sensor name	XUB
Sensor design	M18
Material	Plastic
Detection system	Diffuse adjustable
Emission	Infrared diffuse adjustable
Line of sight type	Axial
[Sn] nominal sensing distance	0.6 m diffuse adjustable
Wiring technique	3 wires
Type of output signal	Discrete
Discrete output function	1 NO
Discrete output type	PNP
Add on output	Without
Electrical connection	1 male connector M12 4 pins
[Us] rated supply voltage	12...24 V DC with reverse polarity protection
Switching capacity in mA	≤ 100 mA , overload and short-circuit protection
Diameter	18 mm

Complementary

Electronic sensor type	Photo-electric sensor
Enclosure material	PBT
Lens material	PMMA
Maximum sensing distance	0.8 m diffuse adjustable
Output type	Solid state
Status LED	1 LED (yellow) for output state
Supply circuit type	DC
Supply voltage limits	10...36 V DC
Switching frequency	≤ 500 Hz
Voltage drop	1.5 V (closed state)
Current consumption	35 mA at no-load
Delay first up	< 15 ms
Delay response	< 1 ms
Delay recovery	< 1 ms
Setting-up	Sensitivity adjustment
Length	76 mm
Product weight	0.045 kg

The information provided in this documentation contains general descriptions and/or technical characteristics of the products of the Schneider Electric group. It 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 Schneider Electric Industries SAS nor any of its affiliates or subsidiaries shall be responsible or liable for misuse of the information contained herein.

Environment

Product certifications	CE CSA UL
Ambient air temperature for operation	-25...55 °C
Ambient air temperature for storage	-40...70 °C
Vibration resistance	7 gn , amplitude +/- 1.5 mm (f = 10...55 Hz) conforming to IEC 60068-2-6
Shock resistance	30 gn , duration 11 ms conforming to IEC 60068-2-27
IP degree of protection	IP65 double insulation conforming to IEC 60529 IP67 double insulation conforming to IEC 60529
RoHS EUR conformity date	0814
RoHS EUR status	Compliant