

# XUX5APBNM12

photo-electric sensor - XUX - diffuse - Sn 2.1m  
- 12..24VDC - M12



## Main

Range of product	OsiSense XU
Series name	Optimum
Specific app photo-elec dtctr	Object
Sensor name	XUX
Sensor design	Compact
Material	Plastic
Detection system	Diffuse
Emission	Infrared diffuse
[Sn] nominal sensing distance	2.1 m diffuse
Wiring techniques	3 wires
Type of output signal	Discrete
Output type	Solid state
Discrete output function	1 NC
Discrete output type	PNP
Add on output	Without
Electrical connection	1 male connector M12 4 pins
Supply circuit type	DC
Us rated supply voltage	12..24 V DC with reverse polarity protection
Switching capacity in mA	<= 100 mA, overload and short-circuit protection

## Complementary

Electronic sensor type	Photo-electric sensor
Enclosure material	PBT
Lens material	PMMA
Maximum sensing distance	3 m diffuse
Status LED	1 LED (green) for supply 1 LED (yellow) for output state
Supply voltage limits	10 - 36 V DC
Switching frequency	<= 250 Hz
Voltage drop	<= 1.5 V (closed state)
Current consumption	<= 35 mA at no-load
Delay first up	< 15 ms
Delay response	< 2 ms
Delay recovery	< 2 ms
Setting-up	Sensitivity adjustment
Depth	30 mm
Height	92 mm
Width	77 mm
CAD overall width	31 mm
CAD overall height	114 mm
CAD overall depth	71 mm
Product weight	0.2 kg

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## Environment

Product certifications	CE CSA UL
Ambient air temp for op	-25...55 °C
Ambient air temp 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

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