XUX5APBNT16



Main

Range of product	OsiSense XU
Series name	General purpose single mode
Electronic sensor type	Photo-electric sensor
Sensor name	XUX
Sensor design	Compact 92 x 71
Detection system	Diffuse
Material	Plastic
Type of output signal	Discrete
Supply circuit type	DC
Wiring technique	3-wire
Discrete output type	PNP
Discrete output function	1 NC
Electrical connection	Screw-clamp terminals, 1 x 1.5 mm 2 or 1 x 0.75 mm 2 with adaptor
Product specific application	-
Emission	Infrared diffuse
[Sn] nominal sensing distance	6.89 ft (2.1 m) diffuse

Complementary

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Enclosure material	PBT
Lens material	РММА
Maximum sensing distance	9.84 ft (3 m) diffuse
Output type	Solid state
Cable entry	1 entry for M16 x 1.5 cable gland, cable outer diameter: 0.280.39 in (710 mm)
Status LED	1 LED (green) supply 1 LED (yellow) output state
[Us] rated supply voltage	1224 V DC
Switching capacity in mA	<= 100 mA (overload and short-circuit protection)
Switching frequency	<= 250 Hz
Voltage drop	<= 1.5 V (closed state)
Current consumption	<= 35 mA (no-load)
Delay first up	< 15 ms
Delay response	< 2 ms
Delay recovery	< 2 ms
Setting-up	Sensitivity adjustment
Depth	3.03 in (77 mm)
Height	3.62 in (92 mm)
Width	1.22 in (31 mm)
Product weight	0.44 lb(US) (0.2 kg)

Environment

product certifications	CE CSA UL	
ambient air temperature for operation	-13131 °F (-2555 °C)	
ambient air temperature for storage	-40158 °F (-4070 °C)	
vibration resistance	7 gn, amplitude = +/- 1.5 mm (f = 1055 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	

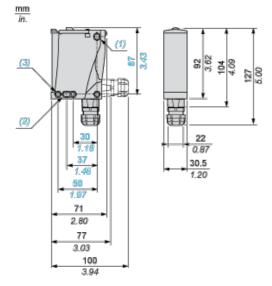
Offer Sustainability

Not Green Premium product	Not Green Premium product
Compliant - since 1136 - Schneider Electric declaration of conformity	Compliant - since 1136 - Schneider Electric declaration of conformity
Reference not containing SVHC above the threshold	Reference not containing SVHC above the threshold
WARNING: This product can expose you to chemicals including:	WARNING: This product can expose you to chemicals including:
Diisononyl phthalate (DINP), which is known to the State of California to cause cancer, and	Diisononyl phthalate (DINP), which is known to the State of California to cause cancer, and
Di-isodecyl phthalate (DIDP), which is known to the State of California to cause birth defects or other reproductive harm.	eDi-isodecyl phthalate (DIDP), which is known to the State of California to cause birth defects or other reproductive harm.
For more information go to www.p65warnings.ca.gov	For more information go to www.p65warnings.ca.gov

Contractual warranty

Warranty period 18 months	Warranty period	18 months	
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Dimensions



- (1) Elongated hole Ø 5.5 x 7
- (2) Elongated hole Ø 5.5 x 9
- (3) Ø 5.5 hole

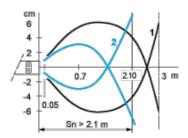
Wiring Schemes

PNP/NPN DC

M12		Termi	Terminals		
1	•	1	\oslash	+	
3	•	2	\oslash	-	
4	•	3	0	Output	

Detection Curves





1: White 90%
2: Grey 18%
Object 10 x 10 cm