## Product data sheet Characteristics

## XUX9APANT16

photo-electric sensor - XUX - polarised - Sn 11m - 12..24VDC - terminals





#### Main

Mani		
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	Polarised reflex	
Material	Plastic	
Type of output signal	Discrete	
Supply circuit type	DC	
Wiring technique	3-wire	
Discrete output type	PNP	
Discrete output function	1 NO	
Electrical connection	Screw-clamp terminals, 1 x 1.5 mm² or 1 x 0.75 mm² with adaptor	
Product specific application	-	
Emission	Red polarised reflex	
[Sn] nominal sensing distance	36.09 ft (11 m) polarised reflex need reflector XUZC50	

#### Complementary

Complementary			
Enclosure material	PBT		
Lens material	PMMA		
Maximum sensing distance	49.21 ft (15 m) polarised reflex		
Output type	Solid state		
Cable entry	1 entry for M16 x 1.5 cable gland 0.280.39 in (710 mm)		
Status LED	1 LED yellow)output state 1 LED green)supply		
[Us] rated supply voltage	1224 V DC		
Switching capacity in mA	<= 100 mA overload and short-circuit protection)		
Switching frequency	<= 250 Hz		
Maximum voltage drop	<1.5 V closed state)		
Current consumption	<= 35 mA no-load		
Maximum delay first up	15 ms		
Maximum delay response	2 ms		
Maximum delay recovery	2 ms		
Setting-up	Sensitivity adjustment		
Depth	3.03 in (77 mm)		
Height	3.62 in (92 mm)		
Maximum Width	1.22 in (31 mm)		
Net 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 +/- 1.5 mm 1055 Hz) IEC 60068-2-6	
Shock resistance	30 gn 11 ms) IEC 60068-2-27	
IP degree of protection	IP67 double insulation IEC 60529 IP65 double insulation IEC 60529	

## Ordering and shipping details

Category	22481 - SENSORS, PHOTOELECTRIC	
Discount Schedule	DS2	
GTIN	00785901943389	
Nbr. of units in pkg.	1	
Package weight(Lbs)	0.29 lb(US) (0.13 kg)	
Returnability	No	
Country of origin	FR	

### **Packing Units**

1 doking office	
Unit Type of Package 1	PCE
Package 1 Height	1.65 in (4.2 cm)
Package 1 width	3.74 in (9.5 cm)
Package 1 Length	5.12 in (13 cm)
Unit Type of Package 2	S01
Number of Units in Package 2	11
Package 2 Weight	5.10 lb(US) (2.313 kg)
Package 2 Height	5.91 in (15 cm)
Package 2 width	5.91 in (15 cm)
Package 2 Length	15.75 in (40 cm)

## Offer Sustainability

Sustainable offer status	Green Premium product  WARNING: This product can expose you to chemicals including: 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. For more information go to www.P65Warnings.ca.gov	
California proposition 65		
REACh Regulation		
EU RoHS Directive	Pro-active compliance (Product out of EU RoHS legal scope) EEU RoHS Declaration	
Mercury free	Yes	
RoHS exemption information	₽¥Yes	
Environmental Disclosure	Product Environmental Profile	
Circularity Profile	End Of Life Information	

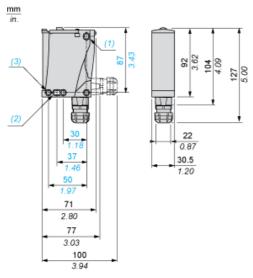
### Contractual warranty

Warranty	18 months

# Product data sheet Dimensions Drawings

# XUX9APANT16

### **Dimensions**



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

## Product data sheet Connections and Schema

# XUX9APANT16

## Wiring Schemes

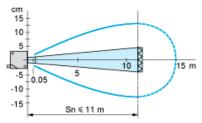
## PNP/NPN DC

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

# Product data sheet Performance Curves

# XUX9APANT16

### **Detection Curves**



With reflector XUZC50