# Product data sheet **Characteristics**

# XUX9ANBNM12

photo-electric sensor - XUX - polarised - Sn 11m - 12..24VDC - M12





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	Polarised reflex		
Material	Plastic		
Type of output signal	Discrete		
Supply circuit type	DC		
Wiring technique	3-wire		
Discrete output type	NPN		
Discrete output function	1 NC		
Electrical connection	1 male connector M12, 4 pins		
Product specific application	-		
Emission	Red polarised reflex		
[Sn] nominal sensing distance	11 m polarised reflex need reflector XUZC50		

# Product Life Status :

## END OF STANDARD SERVICE



The information provided in this documentation contains general descriptions and/or technical characteristics of the performance of the products contained herein. This documentation is not integra as assubitue for and is not to be used for determining sufficiently or these products for specific user applications. This 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.

End of Commercialization End of Standard Service DEC 08, 2020 DEC 08, 2020

## Complementary

Completionally		
Enclosure material	PBT	
Lens material	РММА	
Maximum sensing distance	15 m polarised reflex	
Output type	Solid state	
Status LED	1 LED (yellow) for output state 1 LED (green) for 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	77 mm
Height	92 mm
Width	31 mm
Net weight	0.2 kg

#### Environment

Product certifications	CE CSA UL		
Ambient air temperature for operation -2555 °C			
Ambient air temperature for storage	-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	IP67 double insulation conforming to IEC 60529 IP65 double insulation conforming to IEC 60529		

### Packing Units

<b>3 1 1</b>		
Unit Type of Package 1	PCE	
Number of Units in Package 1	1	
Package 1 Weight	183 g	
Package 1 Height	4.2 cm	
Package 1 width	9.7 cm	
Package 1 Length	13.2 cm	

# Offer Sustainability

Green Premium product		
REACh Declaration		
Pro-active compliance (Product out of EU RoHS legal scope)		
Yes		
₫ <sub>Yes</sub>		
Product Environmental Profile		
End of Life Information		

# Contractual warranty

Warranty

18 months



# Product data sheet **Dimensions Drawings**

# XUX9ANBNM12

## Dimensions



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



# XUX9ANBNM12

## Mounting and Clearance

Possible Orientation of Elbowed Connector (Rear View)







# XUX9ANBNM12

Wiring Schemes

## M12 Connector



#### **PNP/NPN DC**

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



Product data sheet Performance Curves

# XUX9ANBNM12

**Detection Curves** 



