

## XUDA2NSMM8

photoelectric sensor - fiber optic amplifier - NO/NC  
programmable - M8 connector



### Main

Range of product	OsiSense XU
Series name	Application assembly
Specific application of photoelectric detector	Object
Sensor name	XUD

### Complementary

Electronic sensor type	Photo-electric sensor
Sensor design	Fiber design
Enclosure material	PBT
Wiring technique	3-wire
Supply circuit type	DC
Type of output signal	Discrete
Output type	Solid state
Discrete output function	1 NO or 1 NC programmable
Discrete output type	NPN
Electrical connection	1 male connector M8, 4 pins
Cable material	PVC
Status LED	1 LED green stability 1 LED yellow output state
[Us] rated supply voltage	12...24 V DC reverse polarity protection
Supply voltage limits	10.8...26.4 V DC
Current consumption	<= 50 mA (no-load)
Switching capacity in mA	<= 100 mA overload protection <= 100 mA short-circuit protection
Voltage drop	<= 1 V closed
Time delay range	0...40 s
Switching frequency	<= 1 kHz <= 5 kHz
Add on output	With alarm output, 50 mA with overload protection With alarm output, 50 mA with short-circuit protection
Delay first up	< 120 ms
Delay response	< 0.1 ms
Delay recovery	< 0.1 ms
Product compatibility	Glass or plastic fibre optics 1 mm or 2.2 mm
Setting-up	Sensitivity adjustment with teach mode
Display type	4-digit
Lens material	PMMA
Depth	10 mm
Height	65 mm
Width	40 mm
Product weight	0.04 kg

### Environment

The information provided in this documentation contains general descriptions and/or technical characteristics of the products contained herein. This documentation 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.

emission	Red
interference protection	With
product certifications	CE CULus
IP degree of protection	IP64 IEC 529 optic fiber Ø 1 mm IP65 IEC 529 optic fiber Ø 2 mm
ambient air temperature for operation	-10...55 °C
ambient air temperature for storage	-30...70 °C
vibration resistance	7 gn 10...55 Hz) IEC 60068-2-6 +/-0.5 mm 10...55 Hz) IEC 60068-2-6
shock resistance	30 gn (duration = 11 ms) conforming to IEC 60068-2-27

### Offer Sustainability

Sustainable offer status	Not Green Premium product
RoHS (date code: YYWW)	Compliant - since 0623 - Schneider Electric declaration of conformity

### Contractual warranty

Warranty period	18 months
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