

Product data sheet

Characteristics

XUDA2NSML2

photoelectric sensor - fiber optic amplifier - NO/
NC programmable - cable 2m

Product availability : Non-Stock - Not normally stocked in distribution facility

Price* : 210.00 USD



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	Cable
Cable length	6.56 ft (2 m)
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

Disclaimer: 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

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	0.39 in (10 mm)
Height	2.56 in (65 mm)
Width	1.57 in (40 mm)
Product weight	0.09 lb(US) (0.04 kg)

Environment

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	14...131 °F (-10...55 °C)
Ambient air temperature for storage	-22...158 °F (-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

Ordering and shipping details

Category	22481 - SENSORS, PHOTOELECTRIC
Discount Schedule	DS2
GTIN	00785901537632
Nbr. of units in pkg.	1
Package weight(Lbs)	0.19
Returnability	N
Country of origin	HU

Offer Sustainability

RoHS (date code: YYWW)	Compliant - since 0623 - Schneider Electric declaration of conformity Schneider Electric declaration of conformity
California proposition 65	WARNING: This product can expose you to chemicals including:
----- Substance 1	Diisononyl phthalate (DINP), which is known to the State of California to cause cancer, and
----- Substance 2	Di-isodecyl phthalate (DIDP), which is known to the State of California to cause birth defects or other reproductive harm.
----- More information	For more information go to www.p65warnings.ca.gov

Contractual warranty

Warranty period	18 months
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