

# XUDA1PSMM8

Photoelectric sensors XU, XUD, M8, PVC, PNP, discrete solid state



## Main

Range of Product	Telemecanique Photoelectric sensors 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	PNP
Electrical connection	1 male connector M8, 4 pins
Cable material	PVC
Status LED	Instability 1 LED red) Output state 1 LED yellow)
[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)
Maximum voltage drop	<2 V (closed)
Switching frequency	<= 1 kHz
Add on output	Without
Maximum delay first up	120 ms
Maximum delay response	0.5 ms
Maximum delay recovery	0.5 ms
Product Compatibility	Glass or plastic fibre optics 1 mm or 2.2 mm
Setting-up	Sensitivity adjustment with teach mode
Lens material	PMMA
Depth	0.39 in (10 mm)
Height	2.56 in (65 mm)
Width	1.57 in (40 mm)
Net Weight	0.09 lb(US) (0.04 kg)

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## Environment

Emission	Red
Interference protection	Without
Product Certifications	cULus[RETURN]CE
IP degree of protection	IP64 optic fiber Ø 1 mm IEC 529 IP65 optic fiber Ø 2 mm IEC 529
Ambient Air Temperature for Operation	14...131 °F (-10...55 °C)
Ambient Air Temperature for Storage	-22...158 °F (-30...70 °C)
Vibration resistance	+/-0.5 mm 10...55 Hz)IEC 60068-2-6 7 gn 10...55 Hz)IEC 60068-2-6
Shock resistance	30 gn 11 ms) IEC 60068-2-27

## Ordering and shipping details

Category	22481-SENSORS, PHOTOELECTRIC
Discount Schedule	DS2
GTIN	3389110160376
Returnability	Yes
Country of origin	HU

## Packing Units

Unit Type of Package 1	PCE
Number of Units in Package 1	1
Package 1 Height	1.61 in (4.100 cm)
Package 1 Width	3.23 in (8.200 cm)
Package 1 Length	3.43 in (8.700 cm)
Package 1 Weight	1.34 oz (38.000 g)
Unit Type of Package 2	S02
Number of Units in Package 2	45
Package 2 Height	5.91 in (15.000 cm)
Package 2 Width	11.81 in (30.000 cm)
Package 2 Length	15.75 in (40.000 cm)
Package 2 Weight	4.59 lb(US) (2.084 kg)

## Offer Sustainability

California proposition 65	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 <a href="http://www.P65Warnings.ca.gov">www.P65Warnings.ca.gov</a>
REACH Regulation	<a href="#">REACH Declaration</a>
REACH free of SVHC	Yes
EU RoHS Directive	Pro-active compliance (Product out of EU RoHS legal scope) <a href="#">EU RoHS Declaration</a>
Toxic heavy metal free	Yes
Mercury free	Yes
RoHS exemption information	<a href="#">Yes</a>

## Contractual warranty

Warranty	18 months
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