## XUVR1218PANM8

photo-electric sensor - XUV - fork - 180X120mm - 12..24VDC - M8



#### Main

Range of product	OsiSense XU
Series name	General purpose
Electronic sensor type	Photo-electric sensor
Sensor name	XUVR
Sensor design	Fork
Detection system	Thru beam
Emission	Red LED, modulated
Passage width	7.09 in (180 mm)
Passage depth	4.72 in (120 mm)
Material	Metal/plastic
Supply circuit type	DC
Wiring technique	3-wire
Discrete output type	PNP
Discrete output function	1 NO
Electrical connection	1 male connector M8, 3 pins
Product specific application	Detection on small conveyor
[Sn] nominal sensing distance	7.09 in (180 mm)

#### Complementary

Enclosure material	Painted aluminium and polyamide/glass			
Spot diameter	0.04 in (1 mm)			
Type of output signal	Discrete			
Output type	Solid state			
Status LED	Output state: 1 LED (yellow)			
[Us] rated supply voltage	1224 V DC with reverse polarity protection			
Supply voltage limits	1030 V DC			
Switching capacity in mA	100 mA overload and short-circuit protection)			
Switching frequency	4000 Hz			
Maximum voltage drop	<1.5 V closed state)			
Current consumption	< 20 mA no-load			
Net Weight	0.42 lb(US) (0.19 kg)			

#### Environment

Product certifications	CSA	
	UL	
	CE	
Ambient air temperature for operation	14140 °F (-1060 °C)	
Ambient air temperature for storage	-40176 °F (-4080 °C)	
Immunity to ambient light	10000 Lux natural light	
	5000 lux incandescent bulb	
Vibration resistance	7 gn +/- 0.75 mm 1055 Hz) IEC 60068-2-6	
Shock resistance	30 gn 11 ms) IEC 60068-2-27	
IP degree of protection	IP65	
	IP67	

## Ordering and shipping details

Category	22481 - SENSORS, PHOTOELECTRIC
Discount Schedule	DS2
GTIN	00785901950738
Nbr. of units in pkg.	1
Package weight(Lbs)	0.38 lb(US) (0.17 kg)
Returnability	No
Country of origin	FR

## Packing Units

Unit Type of Package 1	PCE	
Package 1 Height	0.79 in (2 cm)	
Package 1 width	12.05 in (30.6 cm)	
Package 1 Length	5.91 in (15 cm)	

### Offer Sustainability

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
REACh Declaration
Pro-active compliance (Product out of EU RoHS legal scope) EVEL RoHS Declaration
Yes
₫Yes

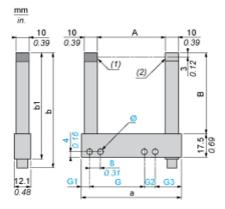
### Contractual warranty

Warranty	18 months

## Product data sheet **Dimensions Drawings**

# XUVR1218PANM8

### **Dimensions**



- Transmission LED Yellow LED: output signal

Dimensions in mm

Passageway A	Depth B	а	b	b1	G	G1	G2	G3	Ø
180	124.3	204	150.2	142	152	22	8	22	4 x 4.3

Dimensions in in.

Passageway A	Depth B	а	b	b1	G	G1	G2	G3	Ø
7.09	4.89	8.03	5.91	5.59	5.98	0.87	0.31	0.87	0.16 x 0.17

## Product data sheet Connections and Schema

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### Wiring Schemes

### M8 Connector



1: BN: Brown 3: BU: Blue 4: BK: Black

### PNP Output

