

# XUVR0303PANL2

photo-electric sensor - XUV - fork - 30X30mm -  
12..24VDC - cable 2m

Product availability: Stock - Normally stocked in distribution facility



## 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	1.18 in (30 mm)
Passage depth	1.18 in (30 mm)
Material	Metal/plastic
Supply circuit type	DC
Wiring technique	3-wire
Discrete output type	PNP
Discrete output function	1 NO
Electrical connection	Cable
Cable length	6.56 ft (2 m)
Product specific application	Detection on small conveyor
[Sn] nominal sensing distance	1.18 in (30 mm)

## Complementary

Enclosure material	Painted aluminium and polyamide/glass
Spot diameter	0.03 in (0.8 mm)
Type of output signal	Discrete
Output type	Solid state
Wire insulation material	PvR
Status LED	Output state 1 LED yellow)
[Us] rated supply voltage	12...24 V DC reverse polarity protection
Supply voltage limits	10...30 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	CE UL CSA
Ambient air temperature for operation	14...140 °F (-10...60 °C)
Ambient air temperature for storage	-40...176 °F (-40...80 °C)
Immunity to ambient light	10000 Lux natural light 5000 lux incandescent bulb
Vibration resistance	7 gn +/- 0.75 mm 10...55 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	03389119040846
Package weight(Lbs)	0.11 kg (0.24 lb(US))
Returnability	Yes
Country of origin	FR

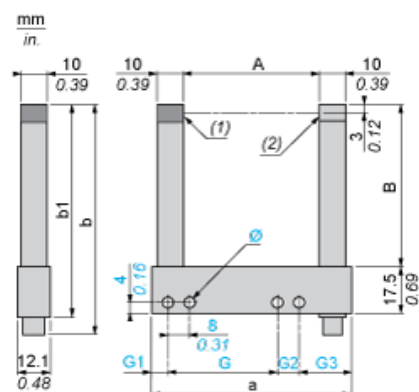
Offer Sustainability

EU RoHS Directive	Pro-active compliance (Product out of EU RoHS legal scope)  <a href="#">EU RoHS Declaration</a>
Mercury free	Yes
RoHS exemption information	 <a href="#">Yes</a>

Contractual warranty

Warranty	18 months
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## Dimensions



- (1) Transmission LED  
(2) Yellow LED: output signal

Dimensions in mm

Passageway A	Depth B	a	b	b1	G	G1	G2	G3	Ø
30	40	54	65.7	57.5	30	17	-	-	4 x 4.3

Dimensions in in.

Passageway A	Depth B	a	b	b1	G	G1	G2	G3	Ø
1.18	1.57	2.13	2.59	2.26	1.18	0.67	-	-	0.16 x 0.17

## Wiring Schemes

### M8 Connector



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

### PNP Output

