XUVR0303PANL2



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	1 LED (yellow) output state	_
[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	
Voltage drop	<= 1.5 V (closed state)	
Current consumption	< 20 mA (no-load)	
Product weight	0.42 lb(US) (0.19 kg)	_

Environment

product certifications	CE CSA UL			
ambient air temperature for operation	14140 °F (-1060 °C)			
ambient air temperature for storage	-40176 °F (-4080 °C)			
immunity to ambient light	10000 lux with natural light 5000 lux with incandescent bulb			
vibration resistance	7 gn, amplitude = +/- 0.75 mm (f = 1055 Hz) conforming to IEC 60068-2-6			
shock resistance	30 gn (duration = 11 ms) conforming to IEC 60068-2-27			
IP degree of protection	IP65 IP67			

Offer Sustainability

of conformity

Compliant - since 0906 - Schneider Electric declaration Compliant - since 0906 - Schneider Electric declaration of conformity

WARNING: This product can expose you to chemicals including:

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Diisononyl phthalate (DINP), which is known to the State Diisononyl phthalate (DINP), which is known to the State of California to cause of California to cause cancer, and cancer, and

Di-isodecyl phthalate (DIDP), which is known to the State Di-isodecyl phthalate (DIDP), which is known to the State of California to cause birth of California to cause birth defects or other reproductive defects or other reproductive harm.

For more information go to www.p65warnings.ca.gov

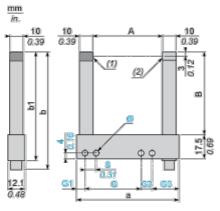
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Contractual warranty

Warranty period

18 months

Dimensions



- Transmission LED
- Yellow LED: output signal

Dimensions in mm

Passageway A	Depth B	а	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	а	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



BN: Brown BU: Blue BK: Black

PNP Output

