Product data sheet
Characteristics

XUVR0303PANL2
photo-electric sensor - XUV - fork - 30X30mm - 12..24VDC - cable 2m

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	30 mm
Passage depth	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	2 m
Product specific application	Detection on small conveyor
[Sn] nominal sensing distance	30 mm

Complementary

Enclosure material	Painted aluminium and polyamide/glass
Spot diameter	0.8 mm
Type of output signal	Discrete
Output type	Solid state
Wire insulation material	PvR
Status LED	1 LED (yellow) for output state
[Us] rated supply voltage	12...24 V DC with 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
Voltage drop	<= 1.5 V (closed state)

Current consumption	< 20 mA (no-load)
Product weight	0.19 kg

Environment

| Product certifications	CE CSA UL
Ambient air temperature for operation	-10...60 °C
Ambient air temperature for storage	-40...80 °C
Immunity to ambient light	10000 lux with natural light 5000 lux with incandescent bulb
Vibration resistance	7 gn, amplitude = +/- 0.75 mm (f = 10...55 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

RoHS (date code: YYWW)	Compliant - since 0906 - Schneider Electric declaration of conformity
	Schneider Electric declaration of conformity

Contractual warranty

Warranty period	18 months

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XUVR0303PANL2
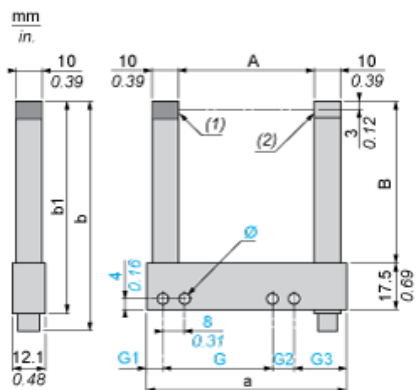
Dimensions

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

Dimensions in mm

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

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Wiring Schemes

M8 Connector
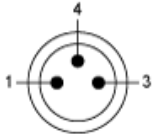
1 :   BN: Brown
3 :   BU: Blue
4 :   BK: Black

PNP Output