

XUVR0608PANM8

photo-electric sensor - XUV - fork - 80X60mm - 12..24VDC - M8

Product availability: Stock - Normally stocked in distribution facility



Main

Commercial Status	Commercialised
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	3.15 in (80 mm)
Passage depth	2.36 in (60 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	3.15 in (80 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
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	0.18...0.42 lb(US) (0.08...0.19 kg)

Environment

Product certifications	CE CSA UL
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	5000 lux with incandescent bulb 10000 lux with natural light
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	IP67 IP65

Ordering and shipping details

Category	22481 - SENSORS, PHOTOELECTRIC
Discount Schedule	DS2
GTIN	00785901933250
Nbr. of units in pkg.	1
Package weight(Lbs)	0.19
Product availability	Stock - Normally stocked in distribution facility
Returnability	Y
Country of origin	FR

Contractual warranty

Period	18 months
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