Product data sheet
Characteristics

XUVR1212PBNM8
Photoelectric sensors XU, XUV, fork, 120X120mm, 12...24 VDC, M8



Main

Range of product	Telemecanique Photoelectric sensors 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	120 Mm
Passage depth	120 Mm
Material	Metal/Plastic
Supply circuit type	DC
Wiring technique	3-wire
Discrete output type	PNP
Discrete output function	1 NC
Electrical connection	1 male connector M8, 3 pins
Product specific application	Detection on small conveyor
[Sn] nominal sensing distance	120 Mm

Complementary

Enclosure material	Painted aluminium and polyamide/glass
Spot diameter	0.8 mm
Type of output signal	Discrete
Output type	Solid state
Status LED	Output state: 1 LED (yellow)
[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
Maximum voltage drop	<1.5 V (closed state)
Current consumption	< 20 mA no-load
Net weight	0.19 Kg

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Environment

Product certifications	CE UL CSA
Ambient air temperature for operation	-10…60 °C
Ambient air temperature for storage	-40…80 °C
Immunity to ambient light	10000 Lux natural light 5000 Lux 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

Packing Units

Unit Type of Package 1	PCE
Number of Units in Package 1	1
Package 1 Weight	150.0 G
Package 1 Height	1.8 Cm
Package 1 width	15.1 Cm
Package 1 Length	31.2 Cm
Unit Type of Package 2	S01
Number of Units in Package 2	6
Package 2 Weight	1.051 Kg
Package 2 Height	15 Cm
Package 2 width	15 Cm
Package 2 Length	40 Cm

Offer Sustainability

REACh Regulation	REACh Declaration
EU RoHS Directive	Pro-active compliance (Product out of EU RoHS legal scope) EU RoHS Declaration
Mercury free	Yes
RoHS exemption information	Yes

Contractual warranty

Warranty	18 months

Product Life Status : Commercialised