

Main

Range of Product	Telemecanique Photoelectric sensors XU
Series name	General purpose
Electronic sensor type	Photo-electric sensor
Sensor name	XUVA
Sensor design	Fork L
Detection system	Thru beam
Emission	Red LED, modulated
Passage width	3.1 in (80 mm)
Passage depth	3.1 in (80 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	3.1 in (80 mm)

Complementary

Enclosure Material	Painted aluminium and polyamide/glass
Spot diameter	0.05 in (1.2 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 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
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

Telemecanique XUVA0808PANM8

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Ordering and shipping details

Category	US10DS222481
Discount Schedule	0DS2
GTIN	3389119052368
Returnability	No
Country of origin	FR

Packing Units

Unit Type of Package 1	PCE
Number of Units in Package 1	1

Offer Sustainability

California proposition 65	WARNING: This product can expose you to chemicals including: Diisononyl phthalate (DINP), which is known to the State of California to cause cancer, and Di-isodecyl phthalate (DIDP), which is known to the State of California to cause birth defects or other reproductive harm. For more information go to www.P65Warnings.ca.gov
EU RoHS Directive	Pro-active compliance (Product out of EU RoHS legal scope)
Mercury free	Yes
RoHS exemption information	 Yes

Contractual warranty

Warranty	18 months
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