



Main

Range of Product	Telemecanique Photoelectric sensors XU
Series name	Application
Electronic sensor type	Photo-electric sensor
Sensor name	XUY
Sensor design	Fiber design
Detection system	Through beam
Material	Metal
Type of output signal	Discrete
Supply circuit type	DC
Wiring Technique	3-wire
Discrete output type	PNP or NPN
Discrete output function	1 NO or 1 NC programmable
Electrical connection	1 remote male connector M12, 4 pins
Cable length	1.0 ft (0.3 m)
Product Specific Application	Conveyor system
Emission	Infrared
[Sn] nominal sensing distance	0.3 ft (0.1 m) diffuse

Complementary

Enclosure Material	Aluminum
Lens material	Polycarbonate
Cover Material	PVC
Pulse frequency	1 kHz
Output Type	Solid state
Status LED	1 LED Yellow output signal
[Us] rated supply voltage	24 V DC reverse polarity protection
Supply voltage limits	18...30 V DC
Switching capacity in mA	100 mA overload and short-circuit protection)
Switching frequency	500 Hz
Maximum voltage drop	<2 V 100 mA closed state)
Current consumption	< 35 mA no-load
Maximum delay response	1 ms
Diameter	0.5 in (12 mm)
Length	16.1 in (410 mm)
Net Weight	0.143 lb(US) (0.065 kg)

Environment

Product Certifications	CE
Ambient Air Temperature for Operation	14...131 °F (-10...55 °C)
Ambient Air Temperature for Storage	-4...176 °F (-20...80 °C)
IP degree of protection	IP50 IEC 60529


Ordering and shipping details

Category	US10DS222481
Discount Schedule	0DS2
GTIN	3389119019910
Returnability	No
Country of origin	FR

Packing Units

Unit Type of Package 1	PCE
Number of Units in Package 1	1
Package 1 Height	0.787 in (2.000 cm)
Package 1 Width	0.787 in (2.000 cm)
Package 1 Length	2.362 in (6.000 cm)
Package 1 Weight	1.199 oz (34.000 g)
Unit Type of Package 2	S01
Number of Units in Package 2	50
Package 2 Height	5.9 in (15 cm)
Package 2 Width	5.9 in (15 cm)
Package 2 Length	15.7 in (40 cm)
Package 2 Weight	4.160 lb(US) (1.887 kg)

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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