



Main

Range of Product	Telemecanique Photoelectric sensors XU
Series name	Application, conveyor system and access control
Electronic sensor type	Photo-electric sensor
Sensor name	XUY
Sensor design	Roller sensor
Detection system	Diffuse
Material	Metal
Type of output signal	Discrete
Supply circuit type	DC
Wiring Technique	4-wire
Discrete output type	PNP or NPN
Discrete output function	1 NO or 1 NC
Electrical connection	Cable
Cable length	6.56 ft (2 m)
Product Specific Application	Conveyor system
Emission	Infrared
[Sn] nominal sensing distance	2.56 in (65 mm) 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	12...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
Current consumption	< 35 mA no-load
Maximum delay response	1 ms
Diameter	0.47 in (12 mm)
Length	21.61 in (549 mm)

Environment

Product Certifications	CE[RETURN]UKCA[RETURN]cCSAus
Ambient Air Temperature for Operation	14...131 °F (-10...55 °C)
Ambient Air Temperature for Storage	-4...158 °F (-20...70 °C)
IP degree of protection	IP50 IEC 60529

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Ordering and shipping details

Category	US10DS222482
Discount Schedule	0DS2
GTIN	3389114003877
Returnability	No
Country of origin	DE

Packing Units

Unit Type of Package 1	PCE
Number of Units in Package 1	1
Package 1 Height	3.9 in (10 cm)
Package 1 Width	3.9 in (10 cm)
Package 1 Length	3.9 in (10 cm)
Package 1 Weight	2.56 oz (72.575 g)

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 Diisodecyl 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
REACH Regulation	REACH Declaration
EU RoHS Directive	Pro-active compliance (Product out of EU RoHS legal scope) EU RoHS Declaration