



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	1 remote connector M12, 4 pins
Cable length	0.2 m
Product specific application	Conveyor system
Emission	Infrared
[Sn] nominal sensing distance	65 mm diffuse

Complementary

Enclosure material	Aluminium
Lens material	Polycarbonate
Cover material	PVC
Pulse frequency	1 kHz
Output type	Solid state
Status LED	1 LED color: yellow for output signal
[Us] rated supply voltage	12...24 V DC with 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 at 100 mA
Current consumption	< 35 mA no-load
Maximum delay response	1 ms
Diameter	12 mm
Length	260 mm

Environment

Product certifications	CE[RETURN]UKCA[RETURN]cCSAus
Ambient air temperature for operation	-10...55 °C
Ambient air temperature for storage	-20...70 °C
IP degree of protection	IP65 conforming to IEC 60529

Packing Units

Unit Type of Package 1	PCE
Number of Units in Package 1	1
Package 1 Height	1.500 cm
Package 1 Width	2.000 cm
Package 1 Length	26.000 cm
Package 1 Weight	52.200 g
Unit Type of Package 2	BB1
Number of Units in Package 2	100
Package 2 Height	21.500 cm
Package 2 Width	40.000 cm
Package 2 Length	100.500 cm
Package 2 Weight	5.420 kg
Unit Type of Package 3	P12
Number of Units in Package 3	400
Package 3 Height	45.000 cm
Package 3 Width	80.000 cm
Package 3 Length	120.000 cm
Package 3 Weight	32.880 kg