Product data sheet
Characteristics

XUY800AB7P03M12
Photoelectric XU Roller Sensor 800mm 7 lens Space 93,1mm, IP50, Cable 0,3 m, M12



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
Discrete output function	1 NO
Electrical connection	1 remote connector M12, 4 pins
Cable length	0.3 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	800 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	IP50 conforming to IEC 60529

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Packing Units

Unit Type of Package 1	PCE
Number of Units in Package 1	1
Package 1 Height	800.0 cm
Package 1 Width	9.0 cm
Package 1 Length	9.0 cm
Package 1 Weight	700.0 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 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
For all Reach Rohs enquiries contact us at	sustainability@tesensors.com