Product data sheet
Characteristics

XUY300BC2H1M12
Photoelectric XU Roller Sensor 300mm 2 lens Space 108mm, IP50, Cable 1 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 or NPN
Discrete output function	1 NO or 1 NC
Electrical connection	1 remote connector M12, 4 pins
Cable length	1 m
Product specific application	Conveyor system
Emission	Infrared
[Sn] nominal sensing distance	100 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	300 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	9 cm
Package 1 Width	9 cm
Package 1 Length	63 cm
Package 1 Weight	280 g