

# XUY508NB5P1JST

Photoelectric XU Roller Sensor 508mm 5 lens  
Space 93,1mm, IP50, Cable 1 m, JST



## 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
Cable length	3.3 ft (1 m)
Product Specific Application	Conveyor system
Emission	Infrared
[Sn] nominal sensing distance	2.6 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	0.5 in (12 mm)
Length	20.0000000000 in (508 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

## Ordering and shipping details

Category	US10DS222482
Discount Schedule	0DS2
GTIN	3606481815958
Returnability	No
Country of origin	DE

## Packing Units

Unit Type of Package 1	PCE
Number of Units in Package 1	1
Package 1 Height	3.5 in (9.0 cm)
Package 1 Width	3.5 in (9.0 cm)
Package 1 Length	24.8 in (63.0 cm)
Package 1 Weight	31.7 oz (900.0 g)