Product data sheet
Characteristics

XUB0ANSNM12
Photoelectric sensors XU, XUB, multi, Sn 0...20 m, 12...24 VDC, M12

Main

Range of Product	Telemecanique Photoelectric sensors XU
Series name	General purpose multimode
Electronic sensor type	Photo-electric sensor
Sensor name	XUB
Sensor design	Cylindrical M18
Detection system	Multimode
Material	Plastic
Line of sight type	Axial
Type of output signal	Discrete
Supply circuit type	DC
Wiring Technique	3-wire
Discrete output type	NPN
Discrete output function	1 NO or 1 NC programmable
Electrical connection	1 male connector M12, 4 pins
Product Specific Application	-
Emission	Infrared diffuse Infrared diffuse with background suppression Infrared thru beam Red polarised reflex
[Sn] nominal sensing distance	9.8 Ft (3 m) polarised reflex need reflector XUZC50 65.6 Ft (20 m) thru beam need a transmitter XUB0AKSNM12T 0.39 Ft (0.12 m) diffuse with background suppression 1.0 ft (0.3 m) diffuse

Complementary

Enclosure Material	PBT
Lens material	PMMA
Maximum sensing distance	0.39 Ft (0.12 m) diffuse with background suppression 1.3 Ft (0.4 m) diffuse 98.4 Ft (30 m) thru beam 14.8 ft (4.5 m) polarised reflex
Output Type	Solid state
Add on output	Without
Status LED	1 LED green)supply 1 LED red)instability 1 LED yellow)output state
[Us] rated supply voltage	12...24 V DC reverse polarity protection
Supply voltage limits	10…36 V DC
Switching capacity in mA	<= 100 mA overload and short-circuit protection)
Switching frequency	<= 250 Hz
Maximum voltage drop	<1.5 V closed state)
Current consumption	35 mA no-load
Maximum delay first up	200 ms
Maximum delay response	2 ms
Maximum delay recovery	2 ms
Setting-up	Self-teaching
Diameter	0.7 in (18 mm)
Length	3.07 in (78 mm)
Net Weight	0.099 lb(US) (0.045 kg)

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Telemecanique
Sensors

Environment

Product Certifications	CSA[RETURN]CE[RETURN]UL
Ambient Air Temperature for Operation	-13…131 °F (-25…55 °C)
Ambient Air Temperature for Storage	-40…158 °F (-40…70 °C)
Vibration resistance	7 gn +/- 1.5 mm 10…55 Hz) IEC 60068-2-6
Shock resistance	30 gn 11 ms) IEC 60068-2-27
IP degree of protection	IP65 double insulation IEC 60529 IP67 double insulation IEC 60529 IP69K double insulation DIN 40050

Ordering and shipping details

Category	US10DS222481
Discount Schedule	0DS2
GTIN	3389110148305
Returnability	Yes
Country of origin	ID

Packing Units

Unit Type of Package 1	PCE
Number of Units in Package 1	1
Package 1 Height	1.7 in (4.2 cm)
Package 1 Width	2.6 in (6.6 cm)
Package 1 Length	3.6 in (9.2 cm)
Package 1 Weight	1.6 oz (44.0 g)
Unit Type of Package 2	S01
Number of Units in Package 2	22
Package 2 Height	5.9 in (15.0 cm)
Package 2 Width	5.9 in (15.0 cm)
Package 2 Length	15.7 in (40.0 cm)
Package 2 Weight	2.765 lb(US) (1.254 kg)

Offer Sustainability

Sustainable offer status	Green Premium product
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

Contractual warranty

Warranty	18 months