XUAH0224

Photoelectric sensors XU, XUA, thru beam, Sn 2 m, 12...24 VDC, cable 2 m



Main

Range of Product	Telemecanique Photoelectric sensors XU	
Series name	Application assembly	
Electronic sensor type	Photo-electric sensor	
Sensor name	XUA	
Sensor design	Cylindrical M8	
Detection system	Thru beam	
Material	Metal	
Line of sight type	Axial	
Type of output signal	Discrete	
Supply circuit type	DC	
Wiring Technique	3-wire	
Discrete output type	PNP	
Discrete output function	1 NC	
Electrical connection	Cable	
Cable length	6.56 ft (2 m)	
Product Specific Application	-	
Emission	Infrared thru, beam	
EIIIISSIOII	Infrared thru beam	
[Sn] nominal sensing distance	6.56 ft (2 m) thru beam need a transmitter XUAH0203	

Complementary

Enclosure Material	Nickel Plated Brass
Lens material	Polyamide
Maximum sensing distance	13.12 ft (4 m)
Output Type	Solid state
Add on output	Without
Cable composition	3 x 0.14 mm²
Wire insulation material	PvR
Cable outer diameter	0.14 in (3.5 mm)
Status LED	1 LED yellow)output state
[Us] rated supply voltage	1224 V DC reverse polarity protection
Supply voltage limits	1030 V DC
Switching capacity in mA	<= 100 mA overload and short-circuit protection)
Switching frequency	<= 2000 Hz
Maximum voltage drop	<1 V closed state)
Current consumption	<= 10 mA no-load
Maximum delay first up	20 ms
Maximum delay response	0.25 ms
Maximum delay recovery	0.25 ms
Setting-up	Without sensitivity adjustment
Diameter	0.31 in (8 mm)
Length	1.89 in (48 mm)
Net Weight	0.11 lb(US) (0.05 kg)

The information provided in this documentation contains general descriptions and/or technical characteristics of the performance of the products contained herein. This documentation is not interest of and is not to be used for determining suitability or flushed products for specific user applications. It is the documentation is not integrator to perform the appropriate and complete risk analysis, evaluation and testing of the products with respect to the relevant specific application or use thereof. Neither TMSS Holding nor any of its affiliates or subsidiaries shall be responsible or liable for misuse of the information contained herein.

Environment

Product Certifications	CE[RETURN]cULus	
Ambient air temperature for operation	-13131 °F (-2555 °C)	
Ambient Air Temperature for Storage	-22158 °F (-3070 °C)	
Vibration resistance	7 gn +/- 1 mm 1055 Hz) IEC 60068-2-6	
Shock resistance	30 gn 11 ms) IEC 60068-2-27	
IP degree of protection	IP67 IEC 60529 IP65 IEC 60529	

Ordering and shipping details

Category	US10DS222481
Discount Schedule	0DS2
GTIN	3389110427219
Returnability	No
Country of origin	FR

Packing Units

Unit Type of Package 1	PCE
Number of Units in Package 1	1
Package 1 Height	1.73 in (4.4 cm)
Package 1 Width	2.68 in (6.8 cm)
Package 1 Length	3.74 in (9.5 cm)
Package 1 Weight	1.69 oz (48 g)
Unit Type of Package 2	S01
Number of Units in Package 2	24
Package 2 Height	5.91 in (15 cm)
Package 2 Width	5.91 in (15 cm)
Package 2 Length	15.75 in (40 cm)
Package 2 Weight	2.96 lb(US) (1.341 kg)

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

Contractual warranty

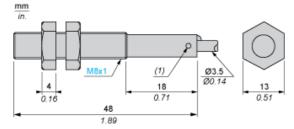
Warranty	1	8 months



Product data sheet Dimensions Drawings

XUAH0224

Dimensions



(1) LED, 4 viewing ports at 90° Note Fixing nut tightening torque : <2N.m

Product data sheet Connections and Schema

XUAH0224

Wiring Schemes

PNP

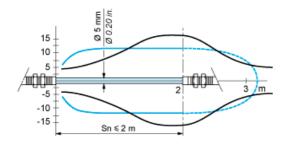


BN: Brown BU: Blue BK: Black

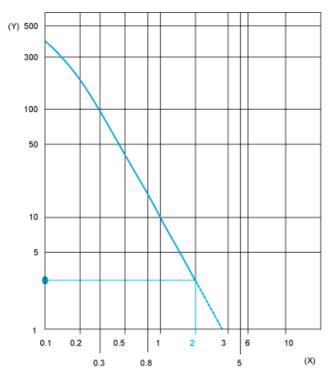
Product data sheet Performance Curves

XUAH0224

Detection Curves



Excess Gain Curves (Ambient temperature: ± 25 °C)



- (Y) Gain
- (X) Distance (m)