XUWSA12R

Photoelectric sensors XU, Vision sensor object
standard focal lengh 12 mm red leds

Main

Range of Product	OsiSense XU
Series name	Vision
Electronic sensor type	Vision sensor
Sensor name	XUW
Sensor design	Compact
Detection system	Diffuse

Complementary

Focal length	0.47 in (12 mm)
Setting-up	Focus adjustment by potentiometer
[Sn] nominal sensing distance	1.18…25.59 in (30…650 mm)
Field of view	8 x 6...250 x 170 mm
Pixel resolution	736 x 480
Technology type	CMOS
Light source	Red LED 4 groups of 2 leds)
Tool type	Pattern matching 40 ms) Contour 60 ms) Contrast 4 ms) Brightness 4 ms) Greyscale 4 ms)
Number of jobs	2
Number of tools per job	32
Acquisition speed	25 frames/s
Number of inputs	2 PNP or NPN programmable
Input function	External trigger Program selection
Number of outputs	4 PNP or NPN programmable
Discrete output function	1 NO or 1 NC programmable
Output function governance	Valid Timer Ready Logical functions
Input/output number	2 PNP or NPN programmable configurable
Communication Port Protocol	EtherNet/IP
Electrical connection	1 male connector M12, 12 pins power supply and digital input/output metal) 1 female connector M12, 4 pins Ethernet network metal)
Enclosure Material	Aluminum ABS
Lens material	PMMA
[Us] rated supply voltage	24 V DC reverse polarity protection 24 V DC short-circuit protection
Supply voltage limits	21…26 V DC
Switching capacity in mA	50 mA by output resistive or PLC input 100 mA ejector output inductive
Current consumption	<= 200 mA no-load
Maximum delay first up	13 s

Depth	2.56 in (65 mm)
Height	1.77 in (45 mm)
Width	1.77 in (45 mm)
Net Weight	0.35 lb(US) (0.16 kg)
Provided equipment	1 CD (software and documentation) Mounting clamp XUZASW001

Environment

Product certifications	CULus CE
Ambient Air Temperature for Operation	32…122 °F (0…50 °C)
Ambient Air Temperature for Storage	-4…140 °F (-20…60 °C)
Relative humidity	80 % non-condensing
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 conforming to IEC 60529 IP67 conforming to IEC 60529

Ordering and shipping details

Category	22484 - XUW VISION SENSORS
Discount Schedule	DS2
GTIN	3389119082303
Nbr. of units in pkg.	1
Package weight(Lbs)	12.27 oz (347.9 g)
Returnability	No
Country of origin	DE

Packing Units

Unit Type of Package 1	PCE
Package 1 Height	2.24 in (5.7 cm)
Package 1 width	6.50 in (16.5 cm)
Package 1 Length	9.06 in (23 cm)
Unit Type of Package 2	S02
Number of Units in Package 2	4
Package 2 Weight	3.98 lb(US) (1.804 kg)
Package 2 Height	5.91 in (15 cm)
Package 2 width	11.81 in (30 cm)
Package 2 Length	15.75 in (40 cm)

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
REACh Regulation	REACh Declaration
EU RoHS Directive	Pro-active compliance (Product out of EU RoHS legal scope) EU RoHS Declaration
Mercury free	Yes
RoHS exemption information	Yes

Contractual warranty

Warranty	18 months

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