Product data sheet
Characteristics

XUVU06M3PSNM8
ultrasonic sensor label fork 60x3 - 12..24 V DC - PNP NO/NC connect M8

Product availability: Non-Stock - Not normally stocked in distribution facility

Main

Range of product	OsiSense XU
Series name	Application packaging
Electronic sensor type	Photo-electric sensor
Sensor name	XUV
Sensor design	Fork
Detection system	Thru beam
Emission	Ultrasonic
Type of setting	With
Passage width	0.12 in (3 mm)
Passage depth	2.72 in (69 mm)
Material	Metal
Supply circuit type	DC
Wiring technique	4-wire
Discrete output type	PNP
Discrete output function	1 NO or 1 NC programmable
Electrical connection	1 male connector M8, 4 pins
Product specific application	Detection of transparent labels
[Sn] nominal sensing distance	0.12 in (3 mm) thru beam

Complementary

Setting-up	Numeric potentiometer
Enclosure material	Zinc alloy
Lens material	PC
Accuracy	+/- 0.20 mm at 120 m/min
Label length	>= 0.08 in (2 mm)
Distance between labels	>= 0.08 in (2 mm)
Passing speed of object	<= 180 m/min (180 m/min)
Type of output signal	Discrete
Output type	Solid state
Status LED	1 LED (red) adjustment mode and keypad locking 1 LED (yellow) output state
[Us] rated supply voltage	12...24 V DC with reverse polarity protection
Supply voltage limits	10...30 V DC
Switching capacity in mA	<= 100 mA (overload and short-circuit protection)
Switching frequency	<= 1500 Hz
Voltage drop	<= 2 V (closed state)
Delay first up	<= 30 ms
Delay response	< 0.3 ms
Delay recovery	< 0.3 ms
Depth	1.85 in (47 mm)
Height	3.64 in (92.5 mm)
Width	0.71 in (18 mm)
Product weight	0.29 lb(US) (0.13 kg)

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Environment

Product certifications	CULus CE
Ambient air temperature for operation	41...131 °F (5...55 °C)
Ambient air temperature for storage	-4...158 °F (-20...70 °C)
Vibration resistance	7 gn, amplitude = +/- 1.5 mm (f = 10...55 Hz) conforming to IEC 60068-2-6
Shock resistance	30 gn (duration = 11 ms) conforming to IEC 60068-2-27
IP degree of protection	IP65 conforming to IEC 60529

Ordering and shipping details

Category	22490 - SENSORS-ULTRASONIC (XX5,6)
Discount Schedule	DS2
GTIN	003606480502750
Nbr. of units in pkg.	1
Package weight(Lbs)	0.35000000000000003
Returnability	N
Country of origin	FR

Offer Sustainability

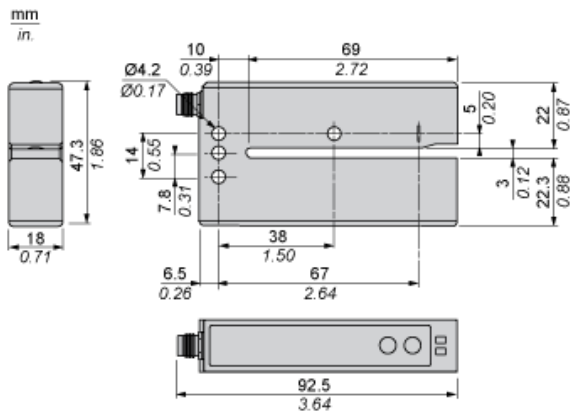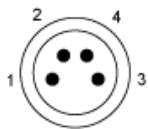|	
RoHS (date code: YYWW)	Compliant - since 1214 - Schneider Electric declaration of conformity Schneider Electric declaration of conformity
REACh	Reference not containing SVHC above the threshold
California proposition 65	WARNING: This product can expose you to chemicals including:
- - - - - - - Substance 1	Diisononyl phthalate (DINP), which is known to the State of California to cause cancer, and
- - - - - - - Substance 2	Di-isodecyl phthalate (DIDP), which is known to the State of California to cause birth defects or other reproductive harm.
- - - - - - - More information	For more information go to www.p65warnings.ca.gov

Contractual warranty

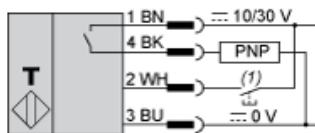|	
Warranty period	18 months

XUVU06M3PSNM8

Dimensions

Wiring Schemes

Connector

1 :   BN: Brown
2 :   WH: White (remote teaching)
3 :   BU: Blue
4 :   BK: Black)

PNP Function

(1)   Remote teaching

Mouser Electronics

Authorized Distributor

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  [XUVU06M3PSNM8](#)