Product data sheet
Characteristics

XUVU06M3NSNM8
ultrasonic sensor label fork 60x3 - 12..24 V DC - NPN NO/NC connect M8

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	3 mm
Passage depth	69 mm
Material	Metal
Supply circuit type	DC
Wiring technique	4-wire
Discrete output type	NPN
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	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	>= 2 mm
Distance between labels	>= 2 mm
Passing speed of object	<= 180 m/min
Type of output signal	Discrete
Output type	Solid state
Status LED	1 LED (yellow) for output state 1 LED (red) for adjustment mode and keypad locking
[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	47 mm
Height	92.5 mm
Width	18 mm
Product weight	0.13 kg

Environment

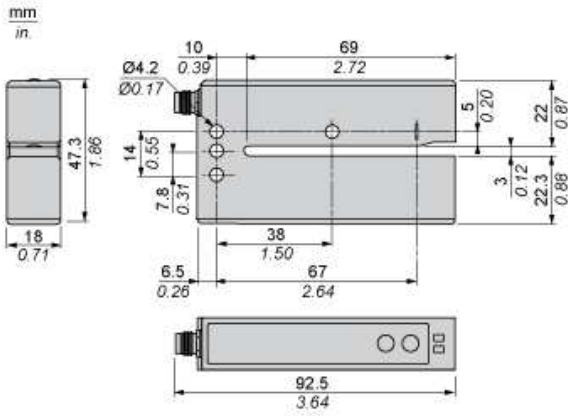
Product certifications	CE CULus
Ambient air temperature for operation	5...55 °C
Ambient air temperature for storage	-20...70 °C
Vibration resistance	7 gn, amplitude = +/- 1.5 mm (f = 10...55 Hz) conforming to IEC 60068-2-6
Shock resistance	30 gn (duration = 11 ms) conforming to IEC 60068-2-27
IP degree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

Offer Sustainability

Sustainable offer status	Not Green Premium product
RoHS (date code: YYWW)	Compliant - since 1214 - Schneider Electric declaration of conformity
REACh	Reference not containing SVHC above the threshold

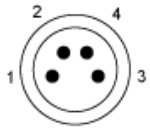
XUVU06M3NSNM8

Dimensions



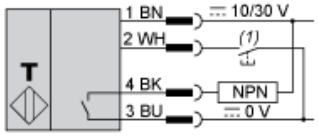
Wiring Schemes

Connector



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

NPN Function



(1) Remote teaching