Product data sheet
Characteristics

XUVE04M3NSNM8
photoelec sensor label fork 40x3 - 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	Infrared
Type of setting	With
Passage width	0.12 in (3 mm)
Passage depth	1.57 in (40 mm)
Material	PA (polyamide) 12
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 labels
[Sn] nominal sensing distance	0.12 in (3 mm) thru beam

Complementary

Setting-up	Numeric potentiometer
Enclosure material	Polyamide
Lens material	PC
Accuracy	+/- 0.05 mm 150 m/min
Minimum label length	0.08 in (2 mm)
Minimum distance between labels	0.08 in (2 mm)
Maximum passing speed of object	200 m/min
Type of output signal	Discrete
Output type	Solid state
Status LED	Output state: 1 LED (yellow)

Adjustment mode and keypad locking 1 LED red)

[Us] rated supply voltage	12...24 V DC reverse polarity protection
Supply voltage limits	10…30 V DC
Switching capacity in mA	<= 100 mA overload and short-circuit protection)
Switching frequency	<= 10 kHz
Maximum voltage drop	<2 V closed state)
Maximum delay first up	30 ms
Maximum delay response	0.1 ms
Maximum delay recovery	0.1 ms
Depth	2.52 in (64 mm)
Height	0.98 in (25 mm)
Width	0.39 in (10 mm)
Net weight	0.08 lb(US) (0.035 kg)

Environment

Product certifications	CE CULus
Ambient air temperature for operation	-4…140 °F (-20…60 °C)
Ambient air temperature for storage	-22…176 °F (-30…80 °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 IEC 60529

Packing Units

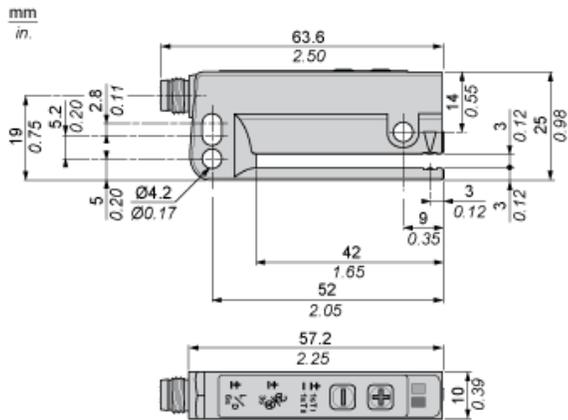|	
Unit Type of Package 1	PCE
Number of Units in Package 1	1
Package 1 Weight	1.23 oz (35 g)
Package 1 Height	1.61 in (4.1 cm)
Package 1 width	2.56 in (6.5 cm)
Package 1 Length	3.74 in (9.5 cm)

Offer Sustainability

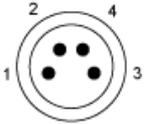|	
REACh Regulation	REACh Declaration
EU RoHS Directive	Pro-active compliance (Product out of EU RoHS legal scope) EU RoHS Declaration
Mercury free	Yes
RoHS exemption information	Yes

Contractual warranty

Warranty	18 months

XUVE04M3NSNM8

Dimensions
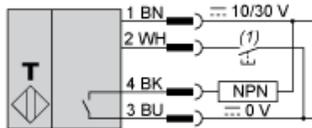
XUVE04M3NSNM8

Wiring Schemes

Connector

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

NPN Function

(1)   Remote teaching

Life Is On | Schneider Electric