

XUVU06M3KCNM8

ultrasonic fork sensor opening 60x3mm -
12..24 V DC - PNP/NPN NO/NC connect M8



Main

Range of product	Telemecanique Photoelectric sensors 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	Without
Passage width	3 mm
Passage depth	69 mm
Material	Metal
Supply circuit type	DC
Wiring technique	4-wire
Discrete output type	PNP and NPN
Discrete output function	2 NO/NC programmable
Electrical connection	1 male connector M8, 4 pins
Product specific application	Detection of transparent labels
[Sn] nominal sensing distance	3 mm

Complementary

Setting-up	Numeric potentiometer
Enclosure material	Zinc alloy
Lens material	PC
Accuracy	+/- 0.16 mm at 60 m/min +/- 0.30 mm at 120 m/min
Minimum label length	2 mm
Minimum distance between labels	2 mm
Maximum passing speed of object	120 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 with reverse polarity protection
Supply voltage limits	10...30 V DC
Switching capacity in mA	<= 100 mA (overload and short-circuit protection)
Switching frequency	<= 500 Hz
Maximum voltage drop	<1.5 V (closed state)
Maximum delay response	0.5 ms
Maximum delay recovery	0.5 ms
Depth	47 mm
Height	92.5 mm
Width	16 mm
Net weight	0.13 kg

Environment

Product certifications	CE
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

Packing Units

Unit Type of Package 1	PCE
Number of Units in Package 1	1

Contractual warranty

Warranty	18 months
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