Product data sheet
Characteristics

XUVE04M3KSNM8
Photoelectric sensors XU, photoelec sensor label fork 40x3, 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	Infrared
Type of setting	Without
Passage width	3 Mm
Passage depth	40 Mm
Material	PA (polyamide) 12
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 labels
[Sn] nominal sensing distance	3 Mm thru beam

Complementary

Setting-up	Numeric potentiometer
Enclosure material	Polyamide
Lens material	PC
Accuracy	+/- 0.05 mm at 150 m/min
Minimum label length	2 Mm
Minimum distance between labels	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 with 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

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Maximum delay first up	30 Ms
Maximum delay response	0.1 Ms
Maximum delay recovery	0.1 Ms
Depth	64 Mm
Height	25 Mm
Width	10 Mm
Net weight	0.035 Kg

Environment

Product certifications	CE cULus
Ambient air temperature for operation	-20…60 °C
Ambient air temperature for storage	-30…80 °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
Package 1 Weight	33.0 G
Package 1 Height	4.1 Cm
Package 1 width	6.5 Cm
Package 1 Length	9.5 Cm
Unit Type of Package 2	S01
Number of Units in Package 2	24
Package 2 Weight	1.001 Kg
Package 2 Height	15 Cm
Package 2 width	15 Cm
Package 2 Length	40 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

Product Life Status : Commercialised