

XUVK0252VS

photoelectric sensor - thru-beam - Sn 2 mm -
NO or NC - M8 connector

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



Main

Commercial Status	Commercialised
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	Red or green
Type of setting	Without
Passage width	0.08 in (2 mm)
Passage depth	1.97 in (50 mm)
Material	Metal
Supply circuit type	DC
Wiring technique	3-wire
Discrete output type	PNP and NPN
Discrete output function	2 NO/NC programmable
Electrical connection	1 male connector M8 adjustable through 90°, 4 pins
Product specific application	Detection of labels
[Sn] nominal sensing distance	0.08 in (2 mm)

Complementary

Setting-up	Teach mode
Enclosure material	Zinc alloy
Lens material	Glass
Type of output signal	Discrete
Output type	Solid state
Status LED	1 LED (yellow) for output state 1 LED (red) for read error 1 LED (green) for sensor ready
[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	<= 25 kHz
Voltage drop	<= 1.5 V (closed state)
Output clamping resistor	10 kOhm
Current consumption	<= 50 mA (no-load)
Delay first up	<= 30 ms
Delay response	< 0.1 ms
Delay recovery	< 0.1 ms
Depth	3.54 in (90 mm)
Height	0.79 in (20 mm)
Width	0.79 in (20 mm)
Product weight	0.19 lb(US) (0.085 kg)

Environment

Product certifications	CE
Ambient air temperature for operation	32...131 °F (0...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	22481 - SENSORS, PHOTOELECTRIC
Discount Schedule	DS2
GTIN	00785901654186
Nbr. of units in pkg.	1
Package weight(Lbs)	0.29
Product availability	Non-Stock - Not normally stocked in distribution facility
Returnability	N
Country of origin	IT

Offer Sustainability

Sustainable offer status	Not Green Premium product
RoHS	Compliant - since 0623 - Schneider Electric declaration of conformity

Contractual warranty

Period	18 months
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