



Main

Range of product	OsiSense XU
Series name	General purpose single mode
Electronic sensor type	Photo-electric sensor
Sensor name	XUM
Sensor design	Miniature
Detection system	Reflex
Material	Plastic
Type of output signal	Discrete
Supply circuit type	DC
Wiring technique	3-wire
Discrete output type	NPN
Discrete output function	1 NC
Electrical connection	Cable
Cable length	5 m
Product specific application	-
Emission	Infrared reflex
[Sn] nominal sensing distance	4 m reflex need reflector XUZC50

Complementary

Enclosure material	PBT
Lens material	PMMA
Maximum sensing distance	6 m reflex
Output type	Solid state
Wire insulation material	PVC
Status LED	1 LED (red) for instability 1 LED (yellow) for output state
[Us] rated supply voltage	12...24 V DC
Switching capacity in mA	<= 100 mA (overload and short-circuit protection)
Switching frequency	<= 500 Hz
Voltage drop	<= 1.5 V (closed state)
Current consumption	35 mA (no-load)

Disclaimer: This documentation is not intended as a substitute for and is not to be used for determining suitability or reliability of these products for specific user applications

Delay first up	30 ms
Delay response	1 ms
Delay recovery	1 ms
Setting-up	Without sensitivity adjustment
Depth	27 mm
Height	38 mm
Width	12 mm
Product weight	0.08 kg

Environment

Product certifications	CE CSA UL
Ambient air temperature for operation	-25...55 °C
Ambient air temperature for storage	-30...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 double insulation conforming to IEC 60529 IP67 double insulation conforming to IEC 60529

Contractual warranty

Warranty period	18 months
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XUM1ANBNL5 is replaced by:



General purpose XUM9ANCNM8

photo-electric sensor - XUM - polarised - Sn 5m - 12..24VDC - M8

Qty 1

Reason for Substitution: End of life | Substitution date: 07 January 2010