Product datasheet Characteristics

XUM9APCNM8



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	Polarised reflex
Material	Plastic
Type of output signal	Discrete
Supply circuit type	DC
Wiring technique	3-wire
Discrete output type	PNP
Discrete output function	1 NO or 1 NC programmable
Electrical connection 1 male connector M8, 4 pins	
Product specific application	-
Emission	Red polarised reflex
[Sn] nominal sensing distance	16.4 ft (5 m) polarised reflex need reflector XUZC50

Complementary

<u>•••••</u>		
Enclosure material	РВТ	
Lens material	РММА	
Output type	Solid state	
Wire insulation material	PVC	
Status LED	1 LED (green) instability 1 LED (orange) output state	
[Us] rated supply voltage	1224 V DC with reverse polarity protection	
Supply voltage limits	1030 V DC	
Switching capacity in mA	<= 100 mA (overload and short-circuit protection)	
Switching frequency	<= 1000 Hz	
Voltage drop	<= 2 V (closed state)	
Current consumption	<= 10 mA (no-load)	
Delay first up	< 100 ms	
Delay response	< 1 ms	
Delay recovery	0.5 ms	
Setting-up	Sensitivity adjustment by potentiometer	
Depth	0.79 in (20 mm)	
Height	1.3 in (33 mm)	
Length	0.43 in (11 mm)	
Width	0.43 in (11 mm)	
Product weight	0.04 lb(US) (0.02 kg)	

Environment

product certifications	CE	
	CURus	
ambient air temperature for operation	-13131 °F (-2555 °C)	
ambient air temperature for storage	-22158 °F (-3070 °C)	
immunity to ambient light	3000 lux with natural light	
	3000 lux with incandescent light	
vibration resistance	20 gn, amplitude = +/- 1.5 mm (f = 10500 Hz) conforming to IEC 60068-2-6	



shock resistance	50 gn (duration = 11 ms) conforming to IEC 60068-2-27
IP degree of protection	IP67 conforming to IEC 60529

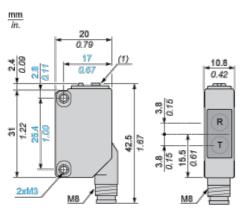
Offer Sustainability

Not Green Premium product	Not Green Premium product
Compliant - since 1152 - Schneider Electric declaration of conformity	Compliant - since 1152 - Schneider Electric declaration of conformity
WARNING: This product can expose you to chemicals including:	WARNING: This product can expose you to chemicals including:
Diisononyl phthalate (DINP), which is known to the State of California to cause cancer, and	e Diisononyl phthalate (DINP), which is known to the State of California to cause cancer, and
Di-isodecyl phthalate (DIDP), which is known to the Stat of California to cause birth defects or other reproductive harm.	eDi-isodecyl phthalate (DIDP), which is known to the State of California to cause birth defects or other reproductive harm.
For more information go to www.p65warnings.ca.gov	For more information go to www.p65warnings.ca.gov

Contractual warranty

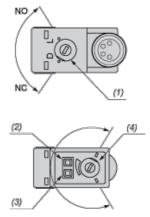
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Warranty period	18 months	

Dimensions



- R: Reception
- T: Transmission
- (1) Potentiometer

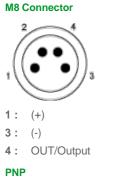
Mounting and Clearance

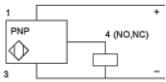


- (1) Configuration switch
- (2) Output state LED
- (3) Stability and power on LED
- (4) Adjustment potentiometer

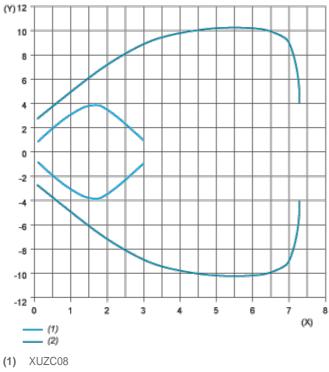
Connections and Schemes







Detection Curves



(2) XUZC50

- (Y) Parallel movement (cm)
- (X) Distance (m)

