Product datasheet
Characteristics

XUM2ANSBM8R
PHOTOELECTRIC SENSOR MINIATURE THRU BEAM SN 15M NPN RECEIVER CONNECTOR M8

Main

Range of product	OsiSense XU
Series name	General purpose single mode
Electronic sensor type	Photo-electric sensor receiver
Sensor name	XUM
Sensor design	Miniature
Detection system	Thru beam
Material	Plastic
Type of output signal	Discrete
Supply circuit type	DC
Wiring technique	3-wire
Discrete output type	NPN
Discrete output function	1 NO or 1 NC programmable
Electrical connection	Male connector M8, 4 pins
[Sn] nominal sensing distance	15 m need a transmitter XUM2AKSBM8T

Complementary

Enclosure material	PBT
Lens material	Modified polyarylate
Output type	Solid state
Status LED	1 LED (orange) for output 1 LED (green) for stability
[Us] rated supply voltage	12...24 V DC with reverse polarity protection
Supply voltage limits	10.2...26.4 V DC
Switching capacity in mA	<= 50 mA (overload and short-circuit protection)
Switching frequency	<= 500 Hz
Voltage drop	<= 2 V
Current consumption	13 mA (no-load)
Delay first up	<= 100 ms
Delay response	<= 1 ms
Delay recovery	<= 1 ms

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

Setting-up	Sensitivity adjustment by pushbutton
Depth	20 mm
Height	34 mm
Width	11 mm
Product weight	0.01 kg

Environment

Product certifications	CE UL RCM
Ambient air temperature for operation	-30...55 °C
Ambient air temperature for storage	-40...70 °C
Vibration resistance	+/- 1.5 mm (f = 10...55 Hz) 2 hours in each direction X, Y and Z conforming to IEC 60068-2-6
Shock resistance	500 m/s² (X, Y, Z directions for 10 cycles (approx. 100 min)) conforming to IEC 60068-2-27
IP degree of protection	IP67 conforming to IEC 60529