# Product datasheet Characteristics

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

M8



#### Main

IVIAIII		
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

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Enclosure material	PBT	
Lens material	Modified polyarylate	<u></u>
Output type	Solid state	
Status LED	1 LED (orange) for output 1 LED (green) for stability	***************************************
[Us] rated supply voltage	1224 V DC with reverse polarity protection	
Supply voltage limits	10.226.4 V DC	-
Switching capacity in mA	<= 50 mA (overload and short-circuit protection)	
Switching frequency	<= 500 Hz	.9
Voltage drop	<= 2 V	
Current consumption	13 mA (no-load)	8
Delay first up	<= 100 ms	-
Delay response	<= 1 ms	
Delay recovery	<= 1 ms	
		-

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	-3055 °C
Ambient air temperature for storage	-4070 °C
Vibration resistance	+/- 1.5 mm (f = 1055 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