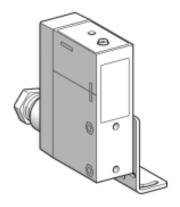
# Product datasheet Characteristics

# XUJK803538

photo-electric sensor - XUJ - diffuse - analog - Sn 0.8m - 12..24VDC - terminals



#### Main

IVIAIII		6
Range of product	OsiSense XU	
Series name	Application material handling	7
Electronic sensor type	Photo-electric sensor	
Sensor name	XUJ	
Sensor design	Compact	; ;
Detection system	Diffuse	<u>.</u>
Material	Plastic	
Line of sight type	Axial	:: C ::
Type of output signal	Analogue	
Supply circuit type	DC	: :
Wiring technique	3-wire	
Discrete output type	PNP	<u>.                                      </u>
Analogue output range	420 mA, drift < 5 % for temperature between 0 and + 40 °C	9
Electrical connection	Screw-clamp terminals, 1 x 2.52 x 1.5 mm <sup>2</sup>	
Product specific application	-	<u>.</u> 0 ت
Emission	Infrared diffuse	
[Sn] nominal sensing distance	0.20.8 m diffuse	9

#### Complementary

Enclosure material	PEI	
Maximum sensing distance	0.8 m	
Output type	Solid state	
Add on output	With analogue output	
Wire insulation material	PVC	
Status LED	1 LED (yellow) for output state	-
[Us] rated supply voltage	1224 V DC	F
Supply voltage limits	2030 V DC	

Output voltage	010 V DC
Switching capacity in mA	<= 100 mA (overload and short-circuit protection)
Switching frequency	<= 250 Hz
Voltage drop	<= 1.5 V (closed state)
Current consumption	<= 35 mA (no-load)
Delay first up	< 15 ms
Delay response	< 2 ms
Delay recovery	< 2 ms
Setting-up	Without sensitivity adjustment
Depth	50 mm
Height	50 mm
Width	18 mm
Product weight	0.07 kg

#### Environment

Product certifications	UL CE CSA
Ambient air temperature for operation	-2555 °C
Ambient air temperature for storage	-4070 °C
Vibration resistance	7 gn, amplitude = +/- 1.5 mm (f = 1055 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

### Offer Sustainability

Sustainable offer status	Not Green Premium product
RoHS (date code: YYWW)	Will be compliant on 3Q2013
	Will be compliant on 3Q2013

## Contractual warranty

Warranty period	18 months