



Main

Range of product	OsiSense XU
Series name	Application, conveyor system and access control
Electronic sensor type	Photo-electric sensor
Sensor name	XUY
Sensor design	Compact
Detection system	Polarised reflex
Material	Plastic
Type of output signal	Discrete
Discrete output type	Relay
Discrete output function	1 NO or 1 NC programmable
Electrical connection	Screw terminal
Product specific application	Materials handling Access control Detection of belt breakage
Emission	Red
[Sn] nominal sensing distance	6 m

Complementary


Enclosure material	Polycarbonate
Output type	Relay
Status LED	1 LED color: green for output status 1 LED color: red for alignment assistance 1 LED color: red for dirty optics 1 LED color: red for limit of detection 1 LED color: red for time delay 1 LED color: red for time function indicator
Supply voltage limits	20...250 V AC/DC
Switching capacity in mA	3 A
Switching frequency	> 25 Hz
Voltage drop	< 1 V at 10 mA (closed state) < 2 V at 100 mA (closed state)
Power consumption in VA	2 VA no load
Time delay range	0...10 s retriggerable delay for output circuit
Setting-up	Teach mode and/or fine manual adjustment

Product weight	0.15 kg
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Environment

Product certifications	CE
Ambient air temperature for operation	0...60 °C
Ambient air temperature for storage	-20...80 °C
Immunity to ambient light	<= 10000 lux with incandescent bulb at 5° of optical axis <= 20000 lux with natural light at 5° to the optical axis
IP degree of protection	IP65 conforming to IEC 60529 IP67 conforming to IEC 60529

Offer Sustainability

RoHS (date code: YYWW)	Compliant - since 0731 - Schneider Electric declaration of conformity  Schneider Electric declaration of conformity
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Contractual warranty

Warranty period	18 months
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