



Main

Range of product	OsiSense XU
Series name	Application assembly
Electronic sensor type	Photo-electric sensor
Sensor name	XUM
Sensor design	Miniature
Detection system	Diffuse
Sensing range	> 0.3...1 m
Material	Metal
Type of output signal	Discrete
Supply circuit type	DC
Wiring technique	3-wire
Discrete output type	PNP
Discrete output function	1 NC
Electrical connection	Cable
Cable length	2 m
Product specific application	-
Emission	Infrared diffuse
[Sn] nominal sensing distance	0.77 m

Complementary

Enclosure material	Zamak and stainless steel
Lens material	Glass
Output type	Solid state
Status LED	1 LED (green) for stability 1 LED (orange) for output state 1 LED (orange) for transmitter 1 LED (red/green) for receiver/supply on
[Us] rated supply voltage	12...24 V DC with reverse polarity protection
Supply voltage limits	10...30 V DC
Switching capacity in mA	<= 100 mA (overload and short-circuit protection)
Switching frequency	1000 Hz
Voltage drop	<= 3 V (closed state)
Current consumption	16 mA (no-load)
Delay first up	<= 100 ms
Delay response	0.5 ms
Delay recovery	0.5 ms
Product weight	0.128 kg

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Environment

Product certifications	CE CTick cULus
Ambient air temperature for operation	-40...70 °C
Ambient air temperature for storage	-30...60 °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/s ² conforming to IEC 60068-2-27
IP degree of protection	IP65 conforming to IEC 60529 IP67 conforming to IEC 60529 IP69K conforming to DIN 40050

Offer Sustainability

RoHS (date code: YYWW)	Compliant - since 1152 - Schneider Electric declaration of conformity Schneider Electric declaration of conformity
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Contractual warranty

Warranty period	18 months
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Product Life Status : **Commercialised**