



Main

Range of product	OsiSense XU
Series name	General purpose single mode
Electronic sensor type	Photo-electric sensor
Sensor name	XU5
Sensor design	Cylindrical M18
Detection system	Diffuse
Material	Stainless steel
Type of output signal	Discrete
Supply circuit type	DC
Wiring technique	3-wire
Discrete output type	PNP
Discrete output function	1 NO or 1 NC programmable
Electrical connection	Cable
Cable length	82.02 ft (25 m)
Emission	Infrared diffuse
[Sn] nominal sensing distance	0.33 ft (0.1 m) diffuse

Complementary

Enclosure material	Stainless steel : 304 CU
Lens material	PMMA
Maximum sensing distance	0.49 ft (0.15 m)
Output type	Solid state
Supply voltage limits	10...30 V DC
Switching capacity in mA	<= 100 mA overload and short-circuit protection)
Switching frequency	<= 500 Hz
Maximum voltage drop	<1.5 V closed state)

Current consumption	<= 30 mA no-load
Maximum delay first up	15 ms
Maximum delay response	1 ms
Maximum delay recovery	1 ms
Setting-up	Sensitivity adjustment
Diameter	0.71 in (18 mm)
Length	2.44 in (62 mm)

Environment

Product certifications	CSA CE UL
Ambient air temperature for operation	-13...131 °F (-25...55 °C)
Ambient air temperature for storage	-40...158 °F (-40...70 °C)
Vibration resistance	7 gn +/- 1.5 mm 10...55 Hz) IEC 60068-2-6
Shock resistance	30 gn 11 ms) IEC 60068-2-27
IP degree of protection	IP67 IEC 60529

Packing Units

Unit Type of Package 1	PCE
Number of Units in Package 1	1
Package 1 Weight	8.36 oz (237 g)
Package 1 Height	1.77 in (4.5 cm)
Package 1 width	3.74 in (9.5 cm)
Package 1 Length	5.31 in (13.5 cm)
Unit Type of Package 2	S02
Number of Units in Package 2	22
Package 2 Weight	12.43 lb(US) (5.639 kg)
Package 2 Height	5.91 in (15 cm)
Package 2 width	11.81 in (30 cm)
Package 2 Length	15.75 in (40 cm)

Offer Sustainability

Sustainable offer status	Green Premium product
REACH Regulation	REACH Declaration
EU RoHS Directive	Pro-active compliance (Product out of EU RoHS legal scope) EU RoHS Declaration
Mercury free	Yes
RoHS exemption information	Yes
Environmental Disclosure	Product Environmental Profile
Circularity Profile	End of Life Information