



Main

Range of product	OsiSense XU
Series name	Application food and beverage
Electronic sensor type	Photo-electric sensor
Sensor name	XU2
Sensor design	Cylindrical M18
Detection system	Thru beam
Material	Stainless steel
Type of output signal	Discrete
Supply circuit type	DC
Wiring technique	3-wire
Discrete output function	1 NO or 1 NC programmable
Electrical connection	Cable
Cable length	82.02 ft (25 m)
Emission	Infrared thru beam
[Sn] nominal sensing distance	49.21 ft (15 m) thru beam

Complementary

Enclosure material	Stainless steel : 304 CU
Lens material	PMMA
Maximum sensing distance	65.62 ft (20 m)
Output type	Solid state
[Us] rated supply voltage	24...240 V AC/DC
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	<= 50 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	3.46 in (88 mm)

Environment

Product certifications	CSA UL CE
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	8.47 oz (240 g)
Package 1 Height	5.83 in (14.8 cm)
Package 1 width	3.19 in (8.1 cm)
Package 1 Length	3.19 in (8.1 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