



Main

Range of Product	Telemecanique Photoelectric sensors 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

Ordering and shipping details

Category	22481-SENSORS, PHOTOELECTRIC
Discount Schedule	DS2
GTIN	3389118380929
Returnability	Yes
Country of origin	FR

Packing Units

Unit Type of Package 1	PCE
Number of Units in Package 1	1
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)
Package 1 Weight	8.47 oz (240.0 g)

Offer Sustainability

Sustainable offer status	Green Premium product
California proposition 65	WARNING: This product can expose you to chemicals including: Diisononyl phthalate (DINP), which is known to the State of California to cause cancer, and Di-isodecyl phthalate (DIDP), which is known to the State of California to cause birth defects or other reproductive harm. For more information go to www.P65Warnings.ca.gov
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