

XU1N18NP341WD

photo-electric sensor - XU1 - reflex - 90° - Sn
4m - 12..24VDC - M12



Main

Range of product	OsiSense XU
Series name	Application food and beverage
Electronic sensor type	Photo-electric sensor
Sensor name	XU1
Sensor design	Cylindrical M18
Detection system	Reflex
Material	Stainless steel
Line of sight type	90° lateral
Type of output signal	Discrete
Supply circuit type	DC
Wiring technique	3-wire
Discrete output type	NPN
Discrete output function	1 NO or 1 NC programmable
Electrical connection	1 male connector M12, 4 pins
Product specific application	-
Emission	Infrared reflex
[Sn] nominal sensing distance	4 m reflex need reflector XUZC50

Complementary

Enclosure material	Stainless steel : 304 CU
Lens material	PMMA
Maximum sensing distance	5.5 m with reflector 50 x 50 mm
Output type	Solid state
Add on output	Without
Add on input	Programming
Status LED	1 LED (green) for supply on 1 LED (yellow) for output state
[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	<= 500 Hz
Voltage drop	<= 1.5 V (closed state)
Current consumption	<= 30 mA (no-load)
Delay first up	<= 15 ms
Delay response	<= 1 ms
Delay recovery	<= 1 ms
Setting-up	Without sensitivity adjustment
Diameter	18 mm
Length	88 mm
Product weight	0.085 kg
Kit composition	Sensor Reflector XUZC50

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Environment

Product certifications	CE CSA UL
Ambient air temperature for operation	-25...55 °C
Ambient air temperature for storage	-40...70 °C
Vibration resistance	25 gn, amplitude = +/- 1.5 mm (f = 10...55 Hz) conforming to IEC 60068-2-6
Shock resistance	30 gn (duration = 11 ms) conforming to IEC 60068-2-27
IP degree of protection	IP67 conforming to IEC 60529

Offer Sustainability

Sustainable offer status	Not Green Premium product
RoHS (date code: YYWW)	Will not be Compliant
REACH	Reference not containing SVHC above the threshold