



## Main

Range of product	OsiSense XU
Series name	General purpose single mode
Electronic sensor type	Photo-electric sensor
Sensor name	XU2
Sensor design	Cylindrical M18
Detection system	Thru beam
Material	Metal
Line of sight type	Axial
Type of output signal	Discrete
Supply circuit type	AC/DC
Wiring technique	2-wire
Discrete output function	1 NC
Electrical connection	Cable
Cable length	6.56 ft (2 m)
Product specific application	-
Emission	Infrared thru beam
[Sn] nominal sensing distance	49.21 ft (15 m) thru beam

## Complementary

Enclosure material	Nickel plated brass
Lens material	PMMA
Maximum sensing distance	65.62 ft (20 m)
Output type	Solid state
Add on output	Without
Wire insulation material	PvR
Status LED	1 LED (red) instability 1 LED (yellow) output state
[Us] rated supply voltage	24...240 V AC/DC
Supply voltage limits	20...264 V AC/DC
Residual current	< 1.5 mA (open state)
Switching capacity in mA	10...200 mA (to be used with 0.4 A quick-blow fuse in series with the load)
Switching frequency	<= 25 Hz
Voltage drop	6 V (closed state)
Delay first up	< 300 ms
Delay response	< 20 ms
Delay recovery	< 20 ms
Setting-up	Sensitivity adjustment
Diameter	0.71 in (18 mm)
Length	3.23 in (82 mm)
Product weight	0.63 lb(US) (0.285 kg)
Kit composition	Transmitter + receiver XU2M18MC230T + XU2M18MB230R

## Environment

product certifications	CE CSA UL
ambient air temperature for operation	-13...131 °F (-25...55 °C)
ambient air temperature for storage	-40...158 °F (-40...70 °C)

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