



Main

Range of product	OsiSense XU
Series name	General purpose single mode
Electronic sensor type	Photo-electric sensor transmitter
Sensor name	XUK
Sensor design	Compact 50 x 50
Detection system	Thru beam
Material	Plastic
Supply circuit type	AC/DC
Wiring technique	2-wire
Electrical connection	Cable
Cable length	5 m
Product specific application	-
Emission	Infrared thru beam
[Sn] nominal sensing distance	30 m need a receiver
Wire insulation material	PVC
[Us] rated supply voltage	24...240 V AC/DC
Switching capacity in mA	3 A (cos ϕ = 1 for 0.5 million cycles at 1 operating cycle per second at 250 V)



Complementary

Enclosure material	PBT
Lens material	PMMA
Maximum sensing distance	45 m
Add on input	Test by emission breaking
Status LED	Supply on: 1 LED (green)
Supply voltage limits	20...264 V AC/DC
Switching frequency	\leq 250 Hz
Maximum voltage drop	<1.5 V (closed state)
Current consumption	\leq 35 mA no-load
Maximum delay first up	60 ms

Maximum delay response	25 ms
Maximum delay recovery	25 ms
Setting-up	Without sensitivity adjustment
Depth	18 mm
Height	50 mm
Width	50 mm

Environment

Product certifications	CSA UL CE
Ambient air temperature for operation	-25...55 °C
Ambient air temperature for storage	-40...70 °C
Vibration resistance	7 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	IP65 double insulation conforming to IEC 60529

Packing Units

Unit Type of Package 1	PCE
Number of Units in Package 1	1
Package 1 Weight	300 g
Package 1 Height	13 cm
Package 1 width	7 cm
Package 1 Length	13 cm

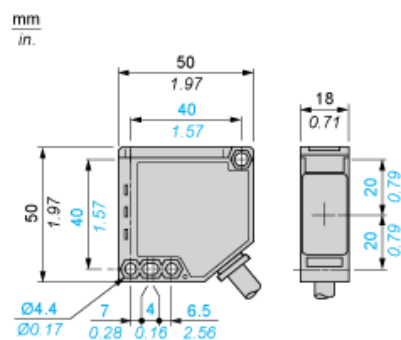
Offer Sustainability

Sustainable offer status	Green Premium product
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

Contractual warranty

Warranty	18 months
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Dimensions



Wiring Schemes

Thru-beam Transmitter AC/DC



BN : Brown
BU : Blue

Detection Curves

