



Main

Range of product	OsiSense XU
Series name	General purpose single mode
Electronic sensor type	Photo-electric sensor
Sensor name	XUK
Sensor design	Compact 50 x 50
Detection system	Polarised reflex
Material	Plastic
Type of output signal	Discrete
Supply circuit type	AC/DC
Wiring technique	5-wire
Discrete output function	1 C/O
Electrical connection	Cable
Cable length	32.81 ft (10 m)
Product specific application	-
Emission	Red polarised reflex
[Sn] nominal sensing distance	19.69 ft (6 m) polarised reflex need reflector XUZC50

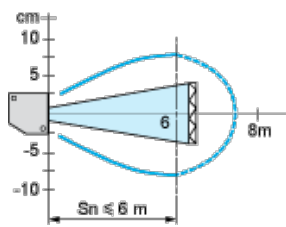
Complementary

Enclosure material	PBT
Lens material	PMMA
Maximum sensing distance	26.25 ft (8 m) polarised reflex
Output type	Relay
Wire insulation material	PVC
Status LED	1 LED (green) supply 1 LED (yellow) output state
[Us] rated supply voltage	24...240 V AC/DC
Supply voltage limits	20...264 V AC 20...264 V DC
Switching capacity in mA	3 A (cos ϕ = 1 for 0.5 million cycles at 1 operating cycle per second at 250 V)
Switching frequency	<= 20 Hz
Voltage drop	<= 1.5 V (closed state)
Current consumption	<= 35 mA (no-load)
Power consumption in W	2 W AC
Delay first up	< 60 ms
Delay response	< 25 ms
Delay recovery	< 25 ms
Setting-up	Without sensitivity adjustment
Electrical durability	500000 cycles, cos ϕ = 1, 60 cyc/mn at 250 V
Depth	1.97 in (50 mm)
Height	1.97 in (50 mm)
Width	0.71 in (18 mm)
Product weight	0.42 lb(US) (0.19 kg)

Environment

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

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With reflector XUZC50

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