

Product Life Status : **END OF STANDARD SERVICE**

TODAY
FEB 22, 2021

End of Commercialization
DEC 08, 2020

End of Standard Service
DEC 08, 2020



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	DC
Wiring technique	4-wire
Discrete output type	PNP
Discrete output function	1 NO or 1 NC programmable
Electrical connection	1 male connector M12, 4 pins
Emission	Red polarised reflex
[Sn] nominal sensing distance	6 m polarised reflex need reflector XUZC50

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Complementary

Enclosure material	ABS/PC
Lens material	PMMA
Maximum sensing distance	12 m polarised reflex need reflector XUZC100
Output type	Solid state
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	<= 600 Hz
Current consumption	<= 30 mA no-load
Maximum delay first up	300 ms
Maximum delay response	0.9 ms
Maximum delay recovery	0.9 ms
Setting-up	Using teach button or remote teaching
Depth	50 mm

Height	50 mm
Width	23 mm
Net weight	0.035 kg




Environment

Product certifications	CE CULus Ecolab
Ambient air temperature for operation	-20...60 °C -20...50 °C
Ambient air temperature for storage	-20...80 °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	IP67 conforming to IEC 60529 IP69K conforming to DIN 40050

Packing Units

Unit Type of Package 1	PCE
Number of Units in Package 1	1
Package 1 Weight	48 g
Package 1 Height	4.1 cm
Package 1 width	6.4 cm
Package 1 Length	9.4 cm

Offer Sustainability

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