

XUK0AKSAL2T

photo-electric sensor - XUK - emitter -
12..24VDC - cable 2m



Main

Range of product	OsiSense XU
Series name	Universal
Specific app photo-elec dtctr	Object
Sensor name	XUK
Sensor design	Compact 50 x 50
Material	Plastic
Detection system	Thru beam
Emission	Infrared thru beam
[Sn] nominal sensing distance	30 m thru beam
Wiring techniques	3 wires
Type of output signal	Discrete
Output type	Solid state
Electrical connection	Cable
Cable length	2 m
Wire insulation material	PvR
Supply circuit type	DC
Us rated supply voltage	12...24 V DC with reverse polarity protection
Switching capacity in mA	<= 100 mA, overload and short-circuit protection

Complementary

Electronic sensor type	Photo-electric sensor transmitter
Enclosure material	PBT
Lens material	PMMA
Maximum sensing distance	35 m thru beam
Add on input	Test by emission breaking
Status LED	1 LED (green) for supply on 1 LED (yellow) for output state
Supply voltage limits	10 - 36 V DC
Switching frequency	<= 250 Hz
Voltage drop	<= 1.5 V (closed state)
Current consumption	20 mA at no-load
Delay first up	<= 300 ms
Delay response	<= 2 ms
Delay recovery	<= 2 ms
Setting-up	Without sensitivity adjustment
Depth	18 mm
Height	50 mm
Width	50 mm
CAD overall width	18 mm
CAD overall height	50 mm
CAD overall depth	50 mm
Product weight	0.14 kg

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Environment

Product certifications	CE CSA UL
Ambient air temp for op	-25...55 °C
Ambient air temp 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