

Product Datasheet

Characteristic

XUK0AKSAL2T

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



Main

range of product	OsiSense XU
series name	general purpose multimode
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	DC
wiring technique	3-wire
electrical connection	cable
cable length	6.56 ft (2 m)
product specific application	-
emission	infrared thru beam
[Sn] nominal sensing distance	98.43 ft (30 m) thru beam need a receiver

Complementary

enclosure material	PBT
lens material	PMMA
maximum sensing distance	114.83 ft (35 m) thru beam
add on input	test by emission breaking
wire insulation material	PvR
status LED	1 LED green supply on
[Us] rated supply voltage	12...24 V DC with reverse polarity protection
supply voltage limits	10...36 V DC
switching capacity in mA	<= 100 mA (overload and short-circuit protection)
switching frequency	<= 250 Hz
voltage drop	<= 1.5 V closed state
current consumption	20 mA (no-load)
delay first up	<= 300 ms
delay response	<= 2 ms
delay recovery	<= 2 ms
setting-up	without sensitivity adjustment

depth	1.97 in (50 mm)
height	1.97 in (50 mm)
width	0.71 in (18 mm)

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)
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

Offer Sustainability

Sustainable offer status	Not Green Premium product
RoHS (date code: YYWW)	Compliant - since 0903 - Schneider Electric declaration of conformity
Product environmental profile	Available
Product end of life instructions	Available