

XUK1ARCNL2

photo-electric sensor - XUK - reflex - Sn 7m -
24..240VAC/DC - cable 2m



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	Reflex
[Sd] sensing range	> 5...15 m
Material	Plastic
Type of output signal	Discrete
Supply circuit type	AC/DC
Wiring technique	5-wire
Discrete output function	1 C/O
Cable length	2 m
Product specific appli- cation	-
Emission	Infrared reflex
[Sn] nominal sensing distance	7 m reflex need reflector XUZC50

Complementary

Enclosure material	PBT
Lens material	PMMA
Maximum sensing distance	10 m reflex
Output type	Relay
Wire insulation material	PVC
Status LED	1 LED (yellow) for output state
[Us] rated supply voltage	24...240 V AC/DC
Switching capacity in mA	3 A ($\cos \varphi = 1$ 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)
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, $\cos \varphi = 1$, 60 cyc/mn at 250 V
Depth	18 mm
Height	50 mm
Width	50 mm
Product weight	0.175 kg

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Environment

Product certifications	CE CSA UL
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
RoHS EUR status	Compliant
RoHS EUR conformity date	0841