

XUK9ARCNL2

photo-electric sensor - XUK - polarised - Sn 5m
- 24..240VAC/DC - cable 2m

Main

Commercial Status	Commercialised
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	2 m
Product specific application	-
Emission	Red polarised reflex
[Sn] nominal sensing distance	5 m polarised reflex need reflector XUZC50

Complementary

Enclosure material	PBT
Lens material	PMMA
Maximum sensing distance	8 m polarised 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	0.19 kg

The information provided in this documentation contains general descriptions and/or technical characteristics of the performance of the products contained herein. This documentation is not intended as a substitute for and is not to be used for determining suitability or reliability of these products for specific user applications. It is the duty of any such user or integrator to perform the appropriate and complete risk analysis, evaluation and testing of the products with respect to the relevant specific application or use thereof. Neither Schneider Electric Industries SAS nor any of its affiliates or subsidiaries shall be responsible or liable for misuse of the information contained herein.

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 compliance

RoHS EUR status	Compliant
RoHS EUR conformity date(YYWW)	0841

Contractual warranty

Period	18 months
--------	-----------