

XUK2ARCNL2T

photo-electric sensor - XUK - emitter -
24..240VAC/DC - cable 2m



Main

Range of product	OsiSense XU
Series name	General purpose single mode
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	AC/DC
Wiring technique	2-wire
Electrical connection	Cable
Cable length	2 m
Product specific application	-
Emission	Infrared thru beam
[Sn] nominal sensing distance	30 m thru beam need a receiver



Complementary

Enclosure material	PBT
Lens material	PMMA
Maximum sensing distance	45 m thru beam
Add on input	Test by emission breaking
Wire insulation material	PVC
Status LED	1 LED (green) for supply on
[Us] rated supply voltage	24...240 V AC/DC
Supply voltage limits	20...264 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	≤ 250 Hz
Voltage drop	≤ 1.5 V (closed state)
Current consumption	≤ 35 mA (no-load)
Delay first up	< 60 ms
Delay response	< 25 ms
Delay recovery	< 25 ms
Setting-up	Without sensitivity adjustment
Depth	50 mm
Height	50 mm
Width	18 mm

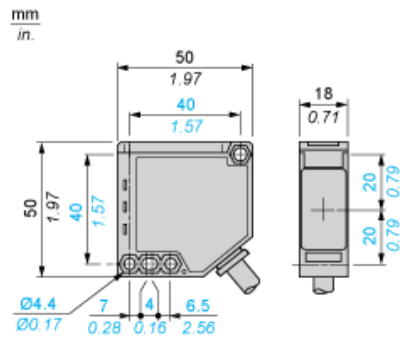
Environment

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

Offer Sustainability

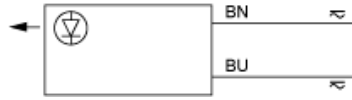
Sustainable offer status	Not Green Premium product
RoHS (date code: YYWW)	Compliant - since 0841 - Schneider Electric declaration of conformity
Product environmental profile	Available  Download Product Environmental
Product end of life instructions	Available  Download End Of Life Manual

Dimensions



Wiring Schemes

Thru-beam Transmitter AC/DC



BN : Brown
BU : Blue

Detection Curves

