

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
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	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
Add on input	Breaking test
Cable composition	5 x 0.34 mm ²
Wire insulation material	PVC
Cable outer diameter	6 mm
Status LED	1 LED (green) for supply

	1 LED (yellow) for output state
[Us] rated supply voltage	24...240 V AC/DC
Supply voltage limits	20...264 V AC
Switching capacity in mA	3 A (cos φ = 1 for 0.5 million cycles at 1 operating cycle per second at 250 V)
Switching frequency	≤ 20 Hz
Current consumption	≤ 35 mA (no-load)
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 $f = 1$, 60 cyc/mn at 250 V
Depth	50 mm
Height	50 mm
Width	18 mm
Product weight	0.035 kg

Environment

Product certifications	CE Ecolab
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

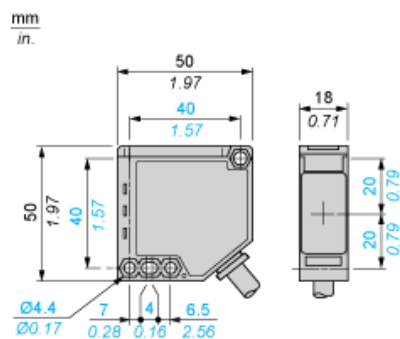
Offer Sustainability

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

Contractual warranty

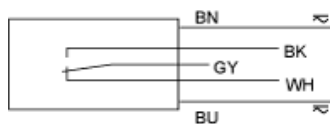
Warranty period	18 months
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Dimensions



Wiring Schemes

Relay Output



BN : Brown

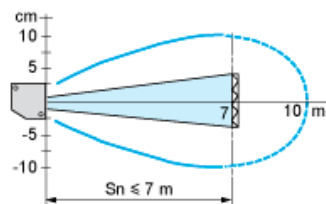
BU : Blue

NO/BK : Black

Relay common / GY : Grey

NC/WH : White

Detection Curves



With reflector XU5C50