XUK5APBNL5

photo-electric sensor - XUK - diffuse - Sn 1m - 12..24VDC - cable 5m



Main

Series name General purpose single mode Electronic sensor type Photo-electric sensor Sensor name XUK Sensor design Compact 50 x 50 Detection system Diffuse Material Plastic Type of output signal Discrete Supply circuit type DC Wiring technique 3-wire Discrete output type PNP Discrete output function 1 NC Electrical connection Cable Cable length 5 m Product specific application Emission Infrared diffuse [Sn] nominal sensing distance	Range of product	OsiSense XU
Sensor name XUK Sensor design Compact 50 x 50 Detection system Diffuse Material Plastic Type of output signal Discrete Supply circuit type DC Wiring technique 3-wire Discrete output type PNP Discrete output function 1 NC Electrical connection Cable Cable length 5 m Product specific application Emission Infrared diffuse [Sn] nominal sensing 1 m diffuse	Series name	General purpose single mode
Sensor design Compact 50 x 50 Detection system Diffuse Material Plastic Type of output signal Discrete Supply circuit type DC Wiring technique 3-wire Discrete output type PNP Discrete output function 1 NC Electrical connection Cable Cable length 5 m Product specific application Emission Infrared diffuse [Sn] nominal sensing 1 m diffuse	Electronic sensor type	Photo-electric sensor
Detection system Diffuse Material Plastic Type of output signal Discrete Supply circuit type DC Wiring technique 3-wire Discrete output type PNP Discrete output function 1 NC Electrical connection Cable Cable length 5 m Product specific application Emission Infrared diffuse [Sn] nominal sensing 1 m diffuse	Sensor name	XUK
Material Plastic Type of output signal Discrete Supply circuit type DC Wiring technique 3-wire Discrete output type PNP Discrete output function 1 NC Electrical connection Cable Cable length 5 m Product specific application Emission Infrared diffuse [Sn] nominal sensing 1 m diffuse	Sensor design	Compact 50 x 50
Type of output signal Discrete Supply circuit type DC Wiring technique 3-wire Discrete output type PNP Discrete output function 1 NC Electrical connection Cable Cable length 5 m Product specific application Emission Infrared diffuse [Sn] nominal sensing 1 m diffuse	Detection system	Diffuse
Supply circuit type DC Wiring technique 3-wire Discrete output type PNP Discrete output function 1 NC Electrical connection Cable Cable length 5 m Product specific application Emission Infrared diffuse [Sn] nominal sensing 1 m diffuse	Material	Plastic
Wiring technique 3-wire Discrete output type PNP Discrete output function 1 NC Electrical connection Cable Cable length 5 m Product specific application Emission Infrared diffuse [Sn] nominal sensing 1 m diffuse	Type of output signal	Discrete
Discrete output type PNP Discrete output function 1 NC Electrical connection Cable Cable length 5 m Product specific application Emission Infrared diffuse [Sn] nominal sensing 1 m diffuse	Supply circuit type	DC
Discrete output function 1 NC Electrical connection Cable Cable length 5 m Product specific application Emission Infrared diffuse [Sn] nominal sensing 1 m diffuse	Wiring technique	3-wire
Electrical connection Cable Cable length 5 m Product specific application Emission Infrared diffuse [Sn] nominal sensing 1 m diffuse	Discrete output type	PNP
Cable length 5 m Product specific application Emission Infrared diffuse [Sn] nominal sensing 1 m diffuse	Discrete output function	1 NC
Product specific application Emission Infrared diffuse [Sn] nominal sensing 1 m diffuse	Electrical connection	Cable
application Emission Infrared diffuse [Sn] nominal sensing 1 m diffuse	Cable length	5 m
[Sn] nominal sensing 1 m diffuse	•	-
	Emission	Infrared diffuse
		1 m diffuse

Complementary

Complementary	
Enclosure material	PBT
Lens material	PMMA
Maximum sensing distance	1.5 m diffuse
Output type	Solid state
Wire insulation material	PVC
Status LED	1 LED (yellow) for output state
[Us] rated supply voltage	1224 V DC
Switching capacity in mA	<= 100 mA (overload and short-circuit protection)
Switching frequency	<= 250 Hz
Maximum voltage drop	<1.5 V (closed state)
Current consumption	<= 35 mA no-load
Maximum delay first up	15 ms
Maximum delay response	2 ms
Maximum delay recovery	2 ms
Setting-up	Without sensitivity adjustment
Depth	50 mm
Height	50 mm
Width	18 mm
Net weight	0.19 kg

Environment

Product certifications	CSA UL
	CE
Ambient air temperature for operation	-2555 °C
Ambient air temperature for storage	-4070 °C
Vibration resistance	7 gn, amplitude = +/- 1.5 mm (f = 1055 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

Packing Units

Package 1 Weight	0.300 kg	
Package 1 Height	1.300 dm	
Package 1 width	0.850 dm	
Package 1 Length	1.200 dm	

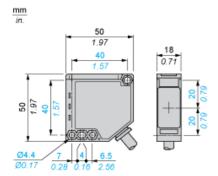
Contractual warranty

Warranty	18 months
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Product data sheet Dimensions Drawings

XUK5APBNL5

Dimensions

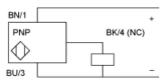


Product data sheet Connections and Schema

XUK5APBNL5

Wiring Schemes

PNP Outputs

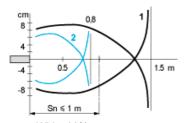


BN: Brown BU: Blue BK: Black

Product data sheet Performance Curves

XUK5APBNL5

Detection Curves



1: White 90% 2: Grey 18% Object 10 x 10 cm