

# XUK8AKSNL2

Photoelectric sensors XU, photo electric laser sensor, XUK, BGS, Sn 1 m, 12...24 VDC, cable 2 m



## Main

Range of product	Telemecanique Photoelectric sensors XU
Series name	General purpose single mode
Electronic sensor type	Photo-electric sensor
Sensor name	XUK
Sensor design	Compact 50 x 50
Detection system	Diffuse with background suppression
Material	Plastic
Type of output signal	Discrete
Supply circuit type	DC
Wiring technique	3-wire
Discrete output type	PNP or NPN
Discrete output function	1 NO or 1 NC programmable
Electrical connection	Cable
Cable length	2 M
Product specific application	-
Emission	Infrared laser, modulated diffuse with background suppression class 1
[Sn] nominal sensing distance	1 M diffuse with background suppression

## Complementary

Enclosure material	PC
Lens material	PMMA
Maximum sensing distance	1 M diffuse with background suppression
Minimum object diameter for detection	2 Mm
Output type	Solid state
Add on output	Without, <= 50 mA with overload and short-circuit protection
Cable composition	5 x 0.34 mm <sup>2</sup>
Wire insulation material	PVC
Cable outer diameter	6 Mm
Status LED	1 LED (green) for supply on 1 LED (yellow) for output state 1 LED (red) for alignment assistance
[Us] rated supply voltage	12...24 V DC with reverse polarity protection
Supply voltage limits	10...36 V DC
Switching capacity in mA	<= 100 mA (overload and short circuit protection)

Maximum voltage drop	<1.5 V (closed state)
Current consumption	35 mA no-load
Maximum delay first up	300 Ms
Maximum delay response	2 Ms
Maximum delay recovery	2 Ms
Setting-up	Sensitivity adjustment by potentiometer
Depth	50 Mm
Height	50 Mm
Width	18 Mm
Net weight	0.19 Kg
Kit composition	With XUZA51 bracket fixing






## Environment

Product certifications	CE
Ambient air temperature for operation	-25...55 °C
Ambient air temperature for storage	-30...70 °C
Vibration resistance	7 gn (f = 10...55 Hz) conforming to IEC 60068-2-6
Shock resistance	10 gn (duration = 11 ms) conforming to IEC 60068-2-27
IP degree of protection	IP65 double insulation conforming to IEC 60529

## Packing Units

Unit Type of Package 1	PCE
Number of Units in Package 1	1
Package 1 Weight	229 G
Package 1 Height	4.2 Cm
Package 1 width	9.7 Cm
Package 1 Length	13.2 Cm
Unit Type of Package 2	CAR
Number of Units in Package 2	1
Package 2 Weight	230 G
Package 2 Height	4.2 Cm
Package 2 width	9.7 Cm
Package 2 Length	13.2 Cm
Unit Type of Package 3	S02
Number of Units in Package 3	12
Package 3 Weight	3.203 Kg
Package 3 Height	15 Cm
Package 3 width	30 Cm
Package 3 Length	40 Cm

## Offer Sustainability

Sustainable offer status	Green Premium product
REACH Regulation	 <a href="#">REACH Declaration</a>
EU RoHS Directive	Pro-active compliance (Product out of EU RoHS legal scope)  <a href="#">EU RoHS Declaration</a>
Mercury free	Yes
RoHS exemption information	 <a href="#">Yes</a>
Environmental Disclosure	 <a href="#">Product Environmental Profile</a>
Circularity Profile	 <a href="#">End Of Life Information</a>

Contractual warranty

Warranty	18 months
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Product Life Status :	Commercialised
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