



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	Thru beam
Material	Plastic
Type of output signal	Discrete
Supply circuit type	DC
Wiring technique	4-wire
Electrical connection	1 male connector M12, 4 pins
Emission	Red thru beam
[Sn] nominal sensing distance	12 m thru beam need receiver XUK2APSM12R

Complementary

Enclosure material	ABS/PC
Lens material	PMMA
Maximum sensing distance	14 m thru beam
Add on output	Without
Status LED	1 LED (green) for supply
[Us] rated supply voltage	12...24 V DC
Supply voltage limits	10...30 V DC
Current consumption	<= 30 mA no-load
Depth	50 mm
Height	50 mm
Width	23 mm
Net weight	0.035 kg

Environment

Product certifications	CE[RETURN]Ecolab[RETURN]cULus
Ambient air temperature for operation	-20...60 °C -20...50 °C
Ambient air temperature for storage	-20...80 °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 60947-5-2
IP degree of protection	IP67 conforming to IEC 60529 IP69K conforming to DIN 40050

Packing Units

Unit Type of Package 1	PCE
Number of Units in Package 1	1
Package 1 Height	3.0 cm
Package 1 Width	6.0 cm
Package 1 Length	9.0 cm
Package 1 Weight	49.0 g
Unit Type of Package 2	S01

Number of Units in Package 2	28
Package 2 Height	15.0 cm
Package 2 Width	15.0 cm
Package 2 Length	40.0 cm
Package 2 Weight	1.597 kg

Offer Sustainability

California proposition 65	WARNING: This product can expose you to chemicals including: Diisononyl phthalate (DINP), which is known to the State of California to cause cancer, and Di-isodecyl phthalate (DIDP), which is known to the State of California to cause birth defects or other reproductive harm. For more information go to www.P65Warnings.ca.gov
For all Reach Rohs enquiries contact us at	sustainability@tesensors.com