



ⓘ Discontinued

## Main

Range of product	Telemecanique Photoelectric sensors XU
Series name	Application packaging
Electronic sensor type	Photo-electric sensor
Sensor name	XUM
Sensor design	Miniature
Detection system	Thru beam
Material	Plastic
Type of output signal	Discrete
Supply circuit type	DC
Wiring technique	2-wire 4 wires receiver
Discrete output type	PNP or NPN
Discrete output function	1 NO or 1 NC programmable
Electrical connection	Cable
Cable length	2 m
Emission	Infra-red (transmission frequency = 1450 nm)
[Sn] nominal sensing distance	50 m thru beam

## Complementary

Enclosure material	PBT
Lens material	PC
Output type	Solid state
Add on output	Without
Cable composition	2 x 0.2 mm <sup>2</sup> 4 x 0.2 mm <sup>2</sup>
Wire insulation material	PUR
Cable outer diameter	4 mm
Status LED	1 LED (green) for stability receiver 1 LED (green) for supply transmitter 1 LED (yellow) for output receiver
[Us] rated supply voltage	10.8...26.4 V DC with reverse polarity protection
Switching capacity in mA	<= 100 mA (overload and short-circuit protection)

Disclaimer: This documentation is not intended as a substitute for and is not to be used for determining suitability or reliability of these products for specific user applications

Switching frequency	<= 1 kHz
Maximum voltage drop	<2 V (closed state)
Current consumption	<= 45 mA no-load
Maximum delay first up	50 ms
Maximum delay response	0.5 ms
Maximum delay recovery	0.5 ms
Setting-up	Sensitivity adjustment
Depth	47 mm
Height	25 mm
Width	13 mm
Net weight	0.155 kg
Kit composition	Transmitter + receiver

## Environment

Product certifications	CE
Ambient air temperature for operation	0...40 °C
Ambient air temperature for storage	-5...50 °C
Vibration resistance	25 gn, amplitude = +/- 2 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 conforming to IEC 60529

## Packing Units

Package 1 Weight	0.200 kg
Package 1 Height	0.780 dm
Package 1 width	1.330 dm
Package 1 Length	0.650 dm

## Contractual warranty

Warranty	18 months
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