



## Main

Range of product	Telemecanique Photoelectric sensors XU
Series name	Application packaging
Electronic sensor type	Photo-electric sensor
Sensor name	XUT
Sensor design	Sub-miniature
Detection system	Diffuse with background suppression
Material	Plastic
Type of output signal	Discrete
Supply circuit type	DC
Discrete output type	PNP/NPN autodetect IOLINK
Discrete output function	1 NO or 1 NC programmable
Electrical connection	1 male connector M8, 4 pins
Cable length	0.2 m
Product specific application	Background suppression blue light
Emission	Blue light diffuse with background suppression
[Sn] nominal sensing distance	100 mm diffuse with background suppression

## Complementary

Enclosure material	PUR
Lens material	PMMA
Maximum sensing distance	100 mm diffuse with background suppression
Output type	Solid state
Output function governance	NO/NC programmable
Add on output	Without, 50 mA
Add on input	Remote teaching
Wire insulation material	PVC
Status LED	1 LED (green) for power ON 1 LED (orange) for output state
[Us] rated supply voltage	12...24 V DC with reverse polarity protection
Supply voltage limits	10...30 V DC
Switching capacity in mA	<= 100 mA (overload and short-circuit protection)
Switching frequency	<= 700 Hz
Current consumption	<= 20 mA no-load
Maximum delay first up	300 ms
Maximum delay response	500 µs
Maximum delay recovery	300 ms
Setting-up	Sensitivity adjustment with teach mode Sensitivity by IO-Link
Height	21.1 mm
Length	14.6 mm
Width	8 mm
Net weight	0.019 kg

## Environment

Product certifications	CE[RETURN]UKCA[RETURN]cULus
Ambient air temperature for operation	-20...60 °C
Ambient air temperature for storage	-20...80 °C
IP degree of protection	IP67 conforming to IEC 60529

## Packing Units

Unit Type of Package 1	PCE
Number of Units in Package 1	1
Package 1 Height	9.1 cm
Package 1 Width	3.1 cm
Package 1 Length	6.1 cm
Package 1 Weight	27 g
Unit Type of Package 2	S01
Number of Units in Package 2	5
Package 2 Height	15 cm
Package 2 Width	15 cm
Package 2 Length	40 cm
Package 2 Weight	370 g

## Contractual warranty

Warranty	18 months
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