



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	Diffuse with background suppression
Material	Plastic
Type of output signal	Discrete
Supply circuit type	DC
Discrete output type	PNP
Discrete output function	1 NO or 1 NC programmable
Electrical connection	Cable
Cable length	2 m
Product specific application	Background suppression fixed blue light
Emission	Blue light diffuse with background suppression
[Sn] nominal sensing distance	80 mm diffuse with background suppression

Complementary

Enclosure material	ABS
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, 100 mA
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	<= 1000 Hz
Current consumption	<= 30 mA no-load
Maximum delay first up	300 ms
Maximum delay response	500 µs
Maximum delay recovery	300 ms
Setting-up	Without sensitivity adjustment
Height	34 mm
Length	20 mm
Width	12 mm
Net weight	0.056 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 IP69K conforming to DIN 40050-9

Packing Units

Unit Type of Package 1	PCE
Number of Units in Package 1	1
Package 1 Height	5 cm
Package 1 Width	7 cm
Package 1 Length	14.2 cm
Package 1 Weight	82 g
Unit Type of Package 2	S02
Number of Units in Package 2	20
Package 2 Height	15 cm
Package 2 Width	30 cm
Package 2 Length	40 cm
Package 2 Weight	1.955 kg

Contractual warranty

Warranty	18 months
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