

Main

Commercial Status	Commercialised
Range of product	OsiSense XU
Series name	General purpose single mode
Electronic sensor type	Photo-electric sensor
Sensor name	XUL
Sensor design	Compact
Detection system	Diffuse
Material	Plastic
Type of output signal	Discrete
Supply circuit type	DC
Wiring technique	3-wire
Discrete output type	PNP
Discrete output function	1 NO or 1 NC programmable
Electrical connection	Cable
Cable length	2 m
Product specific application	-
Emission	Infrared diffuse
[Sn] nominal sensing distance	0.7 m diffuse

Complementary

Enclosure material	ABS
Lens material	PMMA
Maximum sensing distance	0.9 m
Output type	Solid state
Output function governance	Light or dark programmable
Add on output	Without
Cable composition	4 x 0.34 mm ²
Wire insulation material	PVC
Cable outer diameter	6 mm
Status LED	1 LED 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	<= 250 Hz
Voltage drop	<= 1.5 V (closed state)
Current consumption	<= 35 mA (no-load)
Delay first up	<= 15 ms
Delay response	<= 2 ms
Delay recovery	<= 2 ms
Setting-up	Without sensitivity adjustment
Depth	18 mm
Height	70 mm
Width	35 mm
Product weight	0.195 kg
Kit composition	Sensor Bracket XULZ41

Environment

Product certifications	CE
Ambient air temperature for operation	-25...55 °C
Ambient air temperature for storage	-40...70 °C
Vibration resistance	7 gn, amplitude = +/- 2 mm (f = 10...55 Hz) conforming to IEC 60068-2-6
Shock resistance	20 gn (duration = 11 ms) conforming to IEC 60068-2-27
IP degree of protection	IP671 conforming to NF C 20-010 IP67 conforming to IEC 60529

RoHS compliance

RoHS EUR status	Will be compliant
RoHS EUR conformity date(Y Y W W)	4Q2012

Contractual warranty

Period	18 months
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