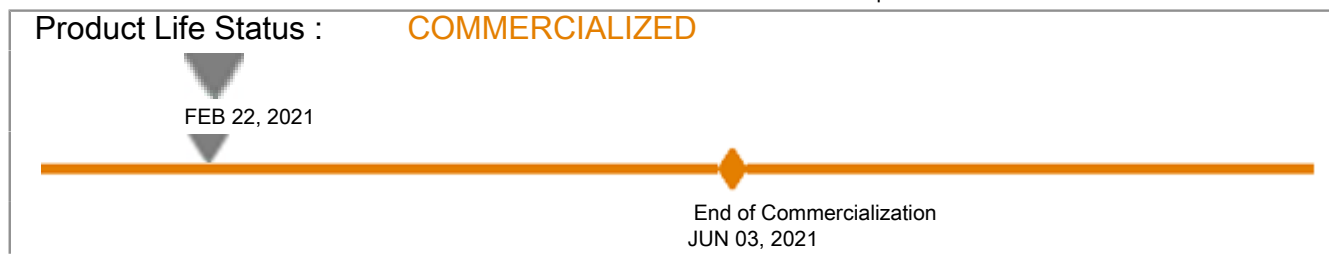


Main

Range of product	OsiSense XU
Series name	General purpose single mode
Electronic sensor type	Photo-electric sensor
Sensor name	XUM
Sensor design	Miniature
Detection system	Polarised reflex
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	1 male connector M12, 4 pins
Emission	Red polarised reflex



Complementary

Enclosure material	PBT
Lens material	PMMA
Output type	Solid state
Wire insulation material	PVC
Status LED	1 LED (green) for instability 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
Maximum voltage drop	<3 V (closed state)
Current consumption	<= 10 mA no-load
Maximum delay first up	100 ms
Maximum delay response	1 ms
Maximum delay recovery	0.5 ms
Setting-up	Sensitivity adjustment by potentiometer


Environment

Product certifications	CULus CE
Ambient air temperature for operation	-30...60 °C
Ambient air temperature for storage	-30...70 °C
Immunity to ambient light	3000 Lux natural light 3000 lux incandescent light
IP degree of protection	IP67 conforming to IEC 60529

Packing Units

Package 1 Weight	30.000 g
Package 1 Height	0.050 mm
Package 1 width	200.000 mm
Package 1 Length	150.000 mm

Offer Sustainability

REACH Regulation	 REACH Declaration
EU RoHS Directive	Not applicable, out of EU RoHS legal scope