



Price\* : 414.26 GBP



### Main

Range of product	OsiSense XG
Product or component type	Compact smart antenna
RFID compact station name	XGCS
RFID frequency	13.56 MHz
Design	Flat form 40 x 40 x 15
Electrical connection	5 pin(s)male remote connector M12, shielded cable cable 0.2 m
Transmission rate	9600 bauds...115200 bauds (automatic detection)
Outer dimension	40 x 40 x 15 mm
Product compatibility	RFID microchip INSIDE (micropass) RFID microchip Microelectronic (EM4135) RFID microchip NXP (SL2, SL1, Ultralight, Std 1K/4K, Desfire) RFID microchip Fujitsu (MB89R118 - MB89R119) RFID microchip STM (CRIX4K) RFID microchip Texas (Tag-it HFI)
[Sn] nominal sensing distance	10...70 mm
[Us] rated supply voltage	24 V DC conforming to Protective Extra Low Voltage

### Complementary

Communication port protocol	Uni-Telway Modbus RTU
Communication port support	RS485
Associated tag type	ISO 14443 standard tags Automatic detection of the type of tag ISO 15693 standard tags
Supply voltage limits	19.2...29 V DC
Current consumption	< 60 mA
Status LED	Communication network: 1 LED (dual colour) RFID communication: 1 LED (dual colour)
Tightening torque	< 1 N.m

Marking	CE
Product weight	0.057 kg

## Environment

Product certifications	UL, FCC
Standards	ETSI EN 301 489-1 ETSI EN 301 489-3 ETSI EN 300 330-1 ETSI EN 300 330-2
Ambient air temperature for operation	-25...70 °C
Ambient air temperature for storage	-40...85 °C
IP degree of protection	IP65 conforming to IEC 60529
Vibration resistance	2 mm (f= 5...29.5 Hz) conforming to EN 60068-2-6 7 gn (f= 29.5...150 Hz) conforming to EN 60068-2-6
Shock resistance	30 gn for 11 ms conforming to EN 60068-2-27
IK degree of protection	IK02 conforming to EN 50102
Electromagnetic compatibility	Electrostatic discharge immunity test: (contact discharge), 3, 6 kV, conforming to IEC 61000-4-2 Electrostatic discharge immunity test: (air discharge), 3, 8 kV, conforming to IEC 61000-4-2 Electrical fast transient/burst immunity test: (signal ports), 3, 1 kV, conforming to IEC 61000-4-4 Electrical fast transient/burst immunity test: (power ports), 3, 2 kV, conforming to IEC 61000-4-4 Susceptibility to electromagnetic fields: , 3, 10 V/m, conforming to IEC 61000-4-3 1.2/50 µs shock waves immunity test: , 3, 10 kV, conforming to IEC 61000-4-5 Conducted RF disturbances: , 3, 10 V, conforming to IEC 61000-4-6 Magnetic field at power frequency: , 4, 30 A/m, conforming to IEC 61000-4-8

## Offer Sustainability

Sustainable offer status	Green Premium product
EU RoHS Directive	Pro-active compliance (Product out of EU RoHS legal scope) <a href="#">EU RoHS Declaration</a>
Mercury free	Yes
RoHS exemption information	<a href="#">Yes</a>
Environmental Disclosure	<a href="#">Product Environmental Profile</a>
Circularity Profile	<a href="#">End of Life Information</a>

## Contractual warranty

Warranty	18 months
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