

Price* : 853.03 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	80 x 93 x 40
Electrical connection	4 pin(s)male power supply socket M8 4 pin(s)female Ethernet socket 1 M12 4 pin(s)female Ethernet socket 2 M12
Transmission rate	10...100 Mbit/s
Outer dimension	80 x 93 x 40 mm
Product compatibility	RFID microchip STM (CRIX4K) RFID microchip INSIDE (micropass) RFID microchip Texas (Tag-it HFI) RFID microchip Fujitsu (MB89R118 - MB89R119) RFID microchip NXP (SL2, SL1, Ultralight, Std 1K/4K, Desfire) RFID microchip Microelectronic (EM4135)
[Sn] nominal sensing distance	20...100 mm
[Us] rated supply voltage	24 V DC conforming to Protective Extra Low Voltage

Complementary

Communication port protocol	Ethernet IP/Modbus TCP
Communication port support	Ethernet
Associated tag type	ISO 14443 standard tags ISO 15693 standard tags Automatic detection of the type of tag
Supply voltage limits	19.2...29 V DC
Current consumption	< 150 mA
Status LED	Operation: 1 LED (red/green) RFID communication: 1 LED (red/green) Ethernet network activity: 2 LEDs (red/green) Status: 1 LED (red/green) Module Status: 1 LED (red/green)
Tightening torque	< 3 N.m
Marking	CE

Product weight	0.36 kg
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Environment

Product certifications	UL, FCC
Standards	EN 50364 EN/IEC 61000-6-3 EN 62369-1 ETSI EN 300 330-1 RoHS compliant ETSI EN 301 489-1 ETSI EN 300 330-2 FCC CFR 47 part 15 ETSI EN 301 489-3
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

EU RoHS Directive	Pro-active compliance (Product out of EU RoHS legal scope) EU RoHS Declaration
Mercury free	Yes
RoHS exemption information	Yes

Contractual warranty

Warranty	18 months
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