

Product availability: Non-Stock - Not normally stocked in distribution facility



Main

Range of product	OsiSense XG
Product or component type	Compact smart antenna
RFID compact station name	XGCS
RFID frequency	13.56 MHz
Design	290 x 40 x 25
Electrical connection	5 pin(s) male remote connector M12, shielded cable cable 3.28 ft (1 m)
Transmission rate	9600 bauds...115200 bauds (automatic detection)
Outer dimension	290 x 40 x 25 mm
Product compatibility	RFID microchip Microelectronic (EM4135) RFID microchip NXP (SL2, SL1, Ultralight, Std 1K/4K, Desfire) RFID microchip Texas (Tag-it HFI) RFID microchip STM (CRIX4K) RFID microchip INSIDE (micropass) RFID microchip Fujitsu (MB89R118 - MB89R119)
[Sn] nominal sensing distance	0.39...2.76 in (10...70 mm)
[Us] rated supply voltage	24 V DC conforming to Protective Extra Low Voltage

Complementary

Communication port protocol	Modbus RTU
Communication port support	RS485
Associated tag type	Automatic detection of the type of tag ISO 14443 standard tags ISO 15693 standard tags
Supply voltage limits	19.2...29 V DC
Current consumption	< 60 mA
Status LED	1 LED (dual colour) communication network 1 LED (dual colour) RFID communication
Marking	CE
Product weight	0.5 lb(US) (0.228 kg)

Environment

Product certifications	UL, FCC
Standards	ETSI EN 300 330-1 ETSI EN 301 489-3 ETSI EN 300 330-2 ETSI EN 301 489-1
Ambient air temperature for operation	-13...158 °F (-25...70 °C)
Ambient air temperature for storage	-40...185 °F (-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 11 ms conforming to EN 60068-2-27

IK degree of protection	IK02 conforming to EN 50102
Electromagnetic compatibility	<p>Electrostatic discharge immunity test for contact discharge (level: 3) - test level 6 kV conforming to IEC 61000-4-2</p> <p>Electrostatic discharge immunity test for air discharge (level: 3) - test level 8 kV conforming to IEC 61000-4-2</p> <p>Susceptibility to electromagnetic fields (level: 3) - test level 10 V/m conforming to IEC 61000-4-3</p> <p>Electrical fast transient/burst immunity test for signal ports (level: 3) - test level 1 kV conforming to IEC 61000-4-4</p> <p>Electrical fast transient/burst immunity test for power ports (level: 3) - test level 2 kV conforming to IEC 61000-4-4</p> <p>1.2/50 μs shock waves immunity test (level: 3) - test level 10 kV conforming to IEC 61000-4-5</p> <p>Conducted RF disturbances (level: 3) - test level 10 V conforming to IEC 61000-4-6</p> <p>Magnetic field at power frequency (level: 4) - test level 30 A/m conforming to IEC 61000-4-8</p>

Ordering and shipping details

Category	22491 - SENS, IDENTIFICATION DEVICE (XGK)
Discount Schedule	DS2
GTIN	003389119608961
Nbr. of units in pkg.	1
Package weight(Lbs)	1.0700000000000001
Returnability	N
Country of origin	FR

Offer Sustainability

California proposition 65	WARNING: This product can expose you to chemicals including:
- - - - - Substance 1	Diisononyl phthalate (DINP), which is known to the State of California to cause cancer, and
- - - - - Substance 2	Diisodecyl phthalate (DIDP), which is known to the State of California to cause birth defects or other reproductive harm.
- - - - - More information	For more information go to www.p65warnings.ca.gov

Contractual warranty

Warranty period	18 months
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Mouser Electronics

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