



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 male remote connector M12, shielded 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 Fujitsu (MB89R118 - MB89R119) RFID microchip STM (CRIX4K) RFID microchip Microelectronic (EM4135) RFID microchip Texas (Tag-it HFI) RFID microchip INSIDE (micropass) RFID microchip NXP (SL2, SL1, Ultralight, Std 1K/4K, Desfire)
[Sn] nominal sensing distance	0.39...2.76 in (10...70 mm)
[Us] rated supply voltage	24 V DC Protective Extra Low Voltage

Complementary

Communication port protocol	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)
Marking	CE
Net Weight	0.50 lb(US) (0.228 kg)

Environment

Product certifications	UL, FCC
Standards	ETSI EN 300 330-2 ETSI EN 300 330-1 ETSI EN 301 489-1 ETSI EN 301 489-3
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 IEC 60529
Vibration resistance	2 mm 5...29.5 Hz)EN 60068-2-6 7 gn 29.5...150 Hz)EN 60068-2-6
Shock resistance	30 gn 11 ms EN 60068-2-27

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IK degree of protection	IK02 EN 50102
Electromagnetic compatibility	Electrostatic discharge immunity test 6 kV contact discharge) 3 IEC 61000-4-2 Electrostatic discharge immunity test 8 kV air discharge) 3 IEC 61000-4-2 Electrical fast transient/burst immunity test 1 kV signal ports) 3 IEC 61000-4-4 Electrical fast transient/burst immunity test 2 kV power ports) 3 IEC 61000-4-4 Susceptibility to electromagnetic fields 10 V/m3 IEC 61000-4-3 1.2/50 µs shock waves immunity test 10 kV3 IEC 61000-4-5 Conducted RF disturbances 10 V3 IEC 61000-4-6 Magnetic field at power frequency 30 A/m4 IEC 61000-4-8

Ordering and shipping details

Category	22491 - SENS,IDENTIFICATION DEVICE (XGK)
Discount Schedule	DS2
GTIN	03389119608961
Nbr. of units in pkg.	1
Package weight(Lbs)	1.07 lb(US) (0.49 kg)
Returnability	No
Country of origin	FR

Packing Units

Unit Type of Package 1	PCE
Package 1 Height	3.54 in (9 cm)
Package 1 width	3.54 in (9 cm)
Package 1 Length	21.65 in (55 cm)

Offer Sustainability

California proposition 65	WARNING: This product can expose you to chemicals including: Di-isodecyl phthalate (DIDP) and Diisononyl phthalate (DINP) which is known to the State of California to cause Carcinogen and Reproductive harm. For more information go to www.p65warnings.ca.gov
EU RoHS Directive	Not applicable, out of EU RoHS legal scope

Contractual warranty

Warranty	18 months
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