

XGCS8901201

Compact smart antenna, Radio frequency identification XG, RFID 13.56 MHz, flat form 80x80x26, M12, cable 0.2 m

Main

Range of Product	Telemecanique Radio frequency identification XG
Product or Component Type	Compact smart antenna
RFID compact station name	XGCS
RFID Frequency	13.56 MHz
Design	Flat form 80 x 80 x 26
Electrical connection	5 male remote connector M12, shielded cable 0.7 ft (0.2 m)
Transmission Rate	9600 bauds...115200 bauds (automatic detection)
Outer dimension	80 x 80 x 26 mm
Product Compatibility	RFID microchip STM (CR1X4K) RFID microchip Microelectronic (EM4135) RFID microchip Fujitsu (MB89R118 - MB89R119) RFID microchip INSIDE (micropass) RFID microchip NXP (SL2, SL1, Ultralight, Std 1K/4K, Desfire) RFID microchip Texas (Tag-it HFI)
[Sn] nominal sensing distance	0.8...3.9 in (20...100 mm)
[Us] rated supply voltage	24 V DC Protective Extra Low Voltage

Complementary

Communication port protocol	Modbus RTU Uni-Telway
Communication port support	RS485
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	< 60 mA
Status LED	Communication network 1 LED dual colour) RFID communication 1 LED dual colour)
Tightening torque	< 3 N.m
Marking	CE
Net Weight	0.567 lb(US) (0.257 kg)

Environment

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

IK degree of protection	IK02 conforming to IEC 62262
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	US10DS222491
Discount Schedule	0DS2
GTIN	3389119021234
Returnability	No
Country of origin	US

Packing Units

Unit Type of Package 1	PCE
Number of Units in Package 1	1
Package 1 Height	5.12 in (13.000 cm)
Package 1 Width	1.57 in (4.000 cm)
Package 1 Length	3.74 in (9.500 cm)
Package 1 Weight	9.065 oz (257.000 g)
Unit Type of Package 2	S02
Number of Units in Package 2	22
Package 2 Height	5.91 in (15 cm)
Package 2 Width	11.81 in (30 cm)
Package 2 Length	15.75 in (40 cm)
Package 2 Weight	13.131 lb(US) (5.956 kg)

Offer Sustainability

SCIP Number	Bb58a230-ec02-4f0d-8758-a436b48e66a7
California proposition 65	WARNING: This product can expose you to chemicals including: Diisononyl phthalate (DINP), which is known to the State of California to cause cancer, and Di-isodecyl phthalate (DIDP), which is known to the State of California to cause birth defects or other reproductive harm. For more information go to www.P65Warnings.ca.gov
EU RoHS Directive	Pro-active compliance (Product out of EU RoHS legal scope)
Mercury free	Yes
RoHS exemption information	 Yes

Contractual warranty

Warranty	18 months
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