

XGCS8901201

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

Main

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| 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 pin(s)male remote connector M12, shielded cable cable 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 | 20...100 mm |
| [Us] rated supply voltage | 24 V DC conforming to Protective Extra Low Voltage |

Complementary

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| 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 | 0.257 kg |

Environment

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| 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 | -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 IEC 60068-2-6 7 gn (f= 29.5...150 Hz) conforming to IEC 60068-2-6 |
| Shock resistance | 30 gn for 11 ms conforming to IEC 60068-2-27 |

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| IK degree of protection | IK02 conforming to IEC 62262 |
| Electromagnetic compatibility | <p>Electrostatic discharge immunity test: (contact discharge), 3, 6 kV, conforming to IEC 61000-4-2</p> <p>Electrostatic discharge immunity test: (air discharge), 3, 8 kV, conforming to IEC 61000-4-2</p> <p>Electrical fast transient/burst immunity test: (signal ports), 3, 1 kV, conforming to IEC 61000-4-4</p> <p>Electrical fast transient/burst immunity test: (power ports), 3, 2 kV, conforming to IEC 61000-4-4</p> <p>Susceptibility to electromagnetic fields: , 3, 10 V/m, conforming to IEC 61000-4-3</p> <p>1.2/50 μs shock waves immunity test: , 3, 10 kV, conforming to IEC 61000-4-5</p> <p>Conducted RF disturbances: , 3, 10 V, conforming to IEC 61000-4-6</p> <p>Magnetic field at power frequency: , 4, 30 A/m, conforming to IEC 61000-4-8</p> |

Packing Units

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| Unit Type of Package 1 | PCE |
| Number of Units in Package 1 | 1 |
| Package 1 Height | 13.000 cm |
| Package 1 Width | 4.000 cm |
| Package 1 Length | 9.500 cm |
| Package 1 Weight | 257.000 g |
| Unit Type of Package 2 | S02 |
| Number of Units in Package 2 | 22 |
| Package 2 Height | 15 cm |
| Package 2 Width | 30 cm |
| Package 2 Length | 40 cm |
| Package 2 Weight | 5.956 kg |

Offer Sustainability

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| Sustainable offer status | Green Premium product |
| California proposition 65 | <p>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</p> |
| For all Reach Rohs enquiries contact us at | sustainability@tesensors.com |

Contractual warranty

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| Warranty | 18 months |
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