



Price\* : 410.16 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                        | Flat form 40 x 40 x 15  |
| 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               | 40 x 40 x 15 mm   |
| Product compatibility         | RFID microchip Texas (Tag-it HFI)<br>RFID microchip NXP (SL2, SL1, Ultralight, Std 1K/4K, Desfire)<br>RFID microchip INSIDE (micropass)<br>RFID microchip Fujitsu (MB89R118 - MB89R119)<br>RFID microchip Microelectronic (EM4135)<br>RFID microchip STM (CRIX4K) |
| [Sn] nominal sensing distance | 10...70 mm  |
| [Us] rated supply voltage     | 24 V DC conforming to Protective Extra Low Voltage  |

### Complementary

|                             |  |
|-----------------------------|--|
| Communication port protocol | Uni-Telway<br>Modbus RTU   |
| Communication port support  | RS485  |
| Associated tag type         | ISO 15693 standard tags<br>Automatic detection of the type of tag<br>ISO 14443 standard tags |
| Supply voltage limits       | 19.2...29 V DC   |
| Current consumption         | < 60 mA  |
| Status LED                  | 1 LED (dual colour) for communication network<br>1 LED (dual colour) for RFID communication  |
| Tightening torque           | < 1 N.m  |

|                |          |
|----------------|----------|
| Marking        | CE       |
| Product weight | 0.057 kg |

## Environment

|                                       |   |
|---------------------------------------|---|
| Product certifications                | UL, FCC   |
| Standards                             | ETSI EN 301 489-3<br>ETSI EN 300 330-2<br>ETSI EN 300 330-1<br>ETSI EN 301 489-1  |
| 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<br>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 for contact discharge ( level: 3) - test level 6 kV conforming to IEC 61000-4-2<br>Electrostatic discharge immunity test for air discharge ( level: 3) - test level 8 kV conforming to IEC 61000-4-2<br>Susceptibility to electromagnetic fields ( level: 3) - test level 10 V/m conforming to IEC 61000-4-3<br>Electrical fast transient/burst immunity test for signal ports ( level: 3) - test level 1 kV conforming to IEC 61000-4-4<br>Electrical fast transient/burst immunity test for power ports ( level: 3) - test level 2 kV conforming to IEC 61000-4-4<br>1.2/50 µs shock waves immunity test ( level: 3) - test level 10 kV conforming to IEC 61000-4-5<br>Conducted RF disturbances ( level: 3) - test level 10 V conforming to IEC 61000-4-6<br>Magnetic field at power frequency ( level: 4) - test level 30 A/m conforming to IEC 61000-4-8 |

## Offer Sustainability

|                                  |   |
|----------------------------------|---|
| Sustainable offer status         | Green Premium product   |
| RoHS (date code: YYWW)           | Compliant - since 0824 - Schneider Electric declaration of conformity<br><a href="#">Schneider Electric declaration of conformity</a> |
| REACH                            | Reference not containing SVHC above the threshold<br><a href="#">Reference not containing SVHC above the threshold</a>                |
| Product environmental profile    | Available<br><a href="#">Product environmental</a>  |
| Product end of life instructions | Available<br><a href="#">End of life manual</a>   |