



### Main

|                               |   |
|-------------------------------|---|
| Range of product              | OsiSense XG   |
| Product or component type     | Electronic tag  |
| RFID electronic tag name      | XGHB  |
| RFID frequency                | 13.56 MHz   |
| Design                        | Keyring   |
| Memory capacity               | 736 B   |
| Associated smart antenna      | XGCS  |
| [Sn] nominal sensing distance | 30 mm with XGCS49<br>35 mm with XGCS89<br>35 mm with XGCS85 |
| Outer dimension               | 40 x 31 x 4.8 mm  |
| Quantity per set              | Set of 10   |
| IP degree of protection       | IP67  |
| Fixing mode                   | Steel ring  |

### Complementary

|                        |                       |
|------------------------|-----------------------|
| Memory type            | EEPROM                |
| Memory operation       | Read/write            |
| Number of read cycles  | Unlimited             |
| Number of write cycles | 100000 at -25...80 °C |
| Data retention time    | 10 year(s)            |
| Material               | PC (polycarbonate)    |
| Net weight             | 0.005 kg              |

### Environment

|                                       |  |
|---------------------------------------|--|
| Standards                             | ISO 14443  |
| Ambient air temperature for operation | -5...80 °C   |
| Ambient air temperature for storage   | -25...80 °C  |
| Vibration resistance                  | 2 mm conforming to EN 60068-2-6 (f = 5...29.5 Hz)<br>7 gn conforming to EN 60068-2-6 (f = 29.5...150 Hz) |
| Shock resistance                      | 30 gn conforming to EN 60068-2-27 for 11 ms  |
| IK degree of protection               | IK02 conforming to EN 50102  |

Offer Sustainability

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| EU RoHS Directive | Not applicable, out of EU RoHS legal scope |
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Dimensions

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mm  
in.

