



### Model Number

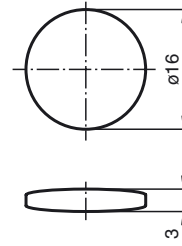
**IQC21-16 50pcs**

Data carrier

### Features

- Operating frequency 13.56 MHz
- 896 bits memory available
- 64 bit Fixcode
- Readable and writable from both sides
- Degree of protection IP67
- Packaging unit: 50 pieces

### Dimensions



### Technical data

#### General specifications

|                     |           |
|---------------------|-----------|
| Operating frequency | 13.56 MHz |
| Transfer rate       | 26 kBit/s |
| Color               | white     |

#### Memory

|                       |                  |
|-----------------------|------------------|
| Chip Type             | I-CODE SLI (NXP) |
| EEPROM                | 896 Bit          |
| UID                   | 64 Bit           |
| Memory organization   | 4 bytes/block    |
| Read cycles           | unlimited        |
| Write cycles          | 100000           |
| Data retention period | 10 years         |

#### Standard conformity

|                      |   |
|----------------------|---|
| Degree of protection | EN 60529  |
| RFID                 | ISO/IEC 15693-1:2010 ,<br>ISO/IEC 15693-2:2006 ,<br>ISO/IEC 15693-3:2009 ,<br>ISO/IEC 18000-3 |

#### Ambient conditions

|                     |   |
|---------------------|---|
| Ambient temperature | -25 ... 70 °C (-13 ... 158 °F)<br>120 °C for 100 h<br>220 °C for 30 s |
| Storage temperature | -25 ... 85 °C (-13 ... 185 °F)  |

#### Mechanical specifications

|                      |                          |
|----------------------|--------------------------|
| Degree of protection | IP67                     |
| Material             |                          |
| Housing              | PPS                      |
| Installation         |                          |
| In air               | yes                      |
| Mass                 | 1 g                      |
| Construction type    | Cylindrical              |
| Note                 | Packaging unit, 50-piece |

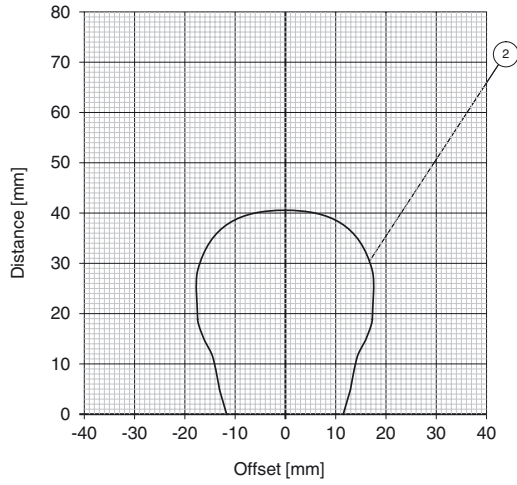
### Notes

The transponder can be read and written from either side.

**Read/write distances**

- ① IQH1-18GM-V1    ② IQH1-F61-V1    ③ IQH1-FP-V1
- ④ IQH1-F15-V1

Reading range in air IQC21-16



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