



### Model Number

**IQC21-16**

Data carrier

### Features

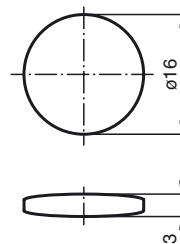
- Operating frequency 13.56 MHz
- 896 bits memory available
- 64 bit Fixcode
- Readable and writable from both sides
- Protection degree IP67

### Matching system components

**IVZ-MH15**

Mounting aid for code/data carriers

### Dimensions



### Technical data

#### General specifications

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

#### Memory

Chip Type	I-CODE SLI (NXP)
Type/Size	EEPROM 896 Bit ROM 64 Bit
Read cycles	unlimited
Write cycles	100000
Data retention period	10 years

#### Ambient conditions

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

#### Mechanical specifications

Protection degree	IP67
Material	
Housing	PPS
Mass	1 g

#### Compliance with standards and directives

Standard conformity	
Protection degree	EN 60529
RFID	ISO/IEC 15693-1:2010 , ISO/IEC 15693-2:2006 , ISO/IEC 15693-3:2009 , ISO/IEC 18000-3

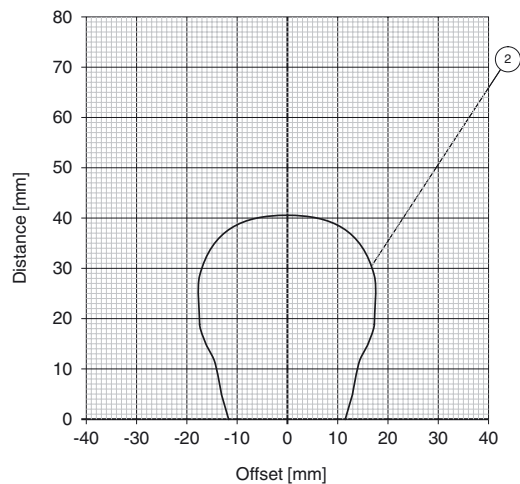
### Notes

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



Release date: 2013-11-27 15:58 Date of issue: 2013-11-27 214798\_eng.xml