



### Model Number

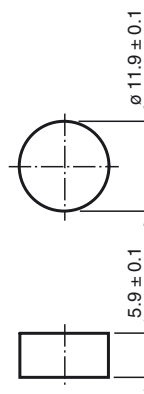
**IQC21-12.4 10pcs**

Data carrier

### Features

- Operating frequency 13.56 MHz
- Conforms to ISO 15693
- 64 bit Fixcode
- 896 bits memory available
- Degree of protection IP67
- Packaging unit: 10 pieces

### Dimensions



### Technical data

#### General specifications

Operating frequency	13.56 MHz
Transfer rate	26 kBit/s

#### 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	50 years at 55 °C (131 °F)

#### Standard conformity

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

#### Ambient conditions

Ambient temperature	-25 ... 70 °C (-13 ... 158 °F)
Storage temperature	-40 ... 85 °C (-40 ... 185 °F)

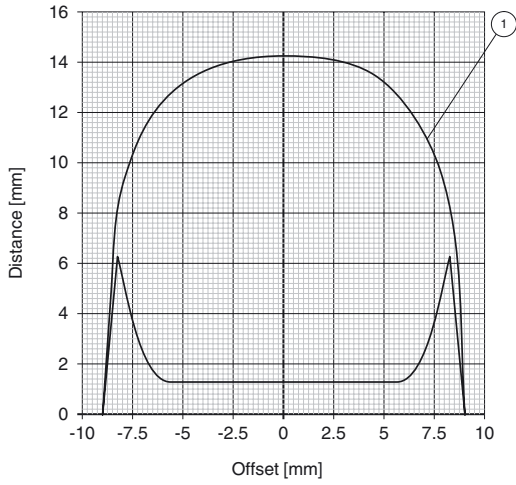
#### Mechanical specifications

Degree of protection	IP67
Material	
Housing	PBT
Encapsulation compound	CY 221/HY 2966
Installation	
In metal	yes
On metal	yes
In air	yes
Construction type	Cylindrical
Note	Packaging unit, 10-piece

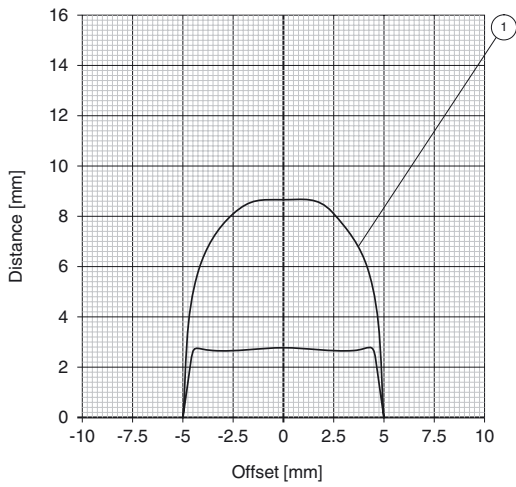
**Read/write distances**

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

Reading range in air IQC21-12.4



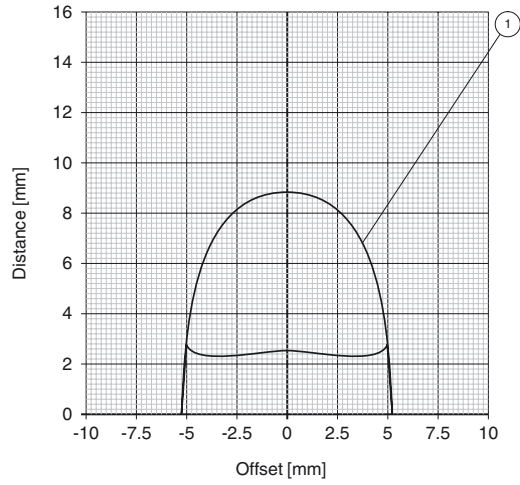
Reading range in aluminum IQC21-12.4



Release date: 2019-01-24 10:22 Date of issue: 2019-01-25 263242\_eng.xml



Reading range in steel IQC21-12.4



Release date: 2019-01-24 10:22 Date of issue: 2019-01-25 263242\_eng.xml

Refer to "General Notes Relating to Pepperl+Fuchs Product Information".

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