



RFID Transponder

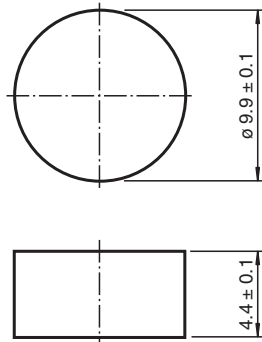
IQC21-10 10pcs

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

Data carrier



Dimensions



Technical Data

| General specifications | |
|-----------------------------|-------------------|
| Operating frequency | 13.56 MHz |
| Transfer rate | 26 kBit/s |
| Memory | |
| Chip Type | I-CODE SLIX (NXP) |
| EEPROM | 896 Bit |
| UID | 64 Bit |
| Memory organization | 4 bytes/block |
| Read cycles | unlimited |
| Write cycles | 100000 |
| Data retention period | 50 years |
| Directive conformity | |
| Radio equipment | |
| Directive 2014/53/EU | EN 300330 |
| RoHS | |
| Directive 2011/65/EU (RoHS) | IEC/EN 63000 |
| Standard conformity | |

Release date: 2022-12-15 Date of issue: 2022-12-15 Filename: 263241_eng.pdf

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

Pepperl+Fuchs Group
www.pepperl-fuchs.com

USA: +1 330 486 0001
fa-info@us.pepperl-fuchs.com

Germany: +49 621 776 1111
fa-info@de.pepperl-fuchs.com

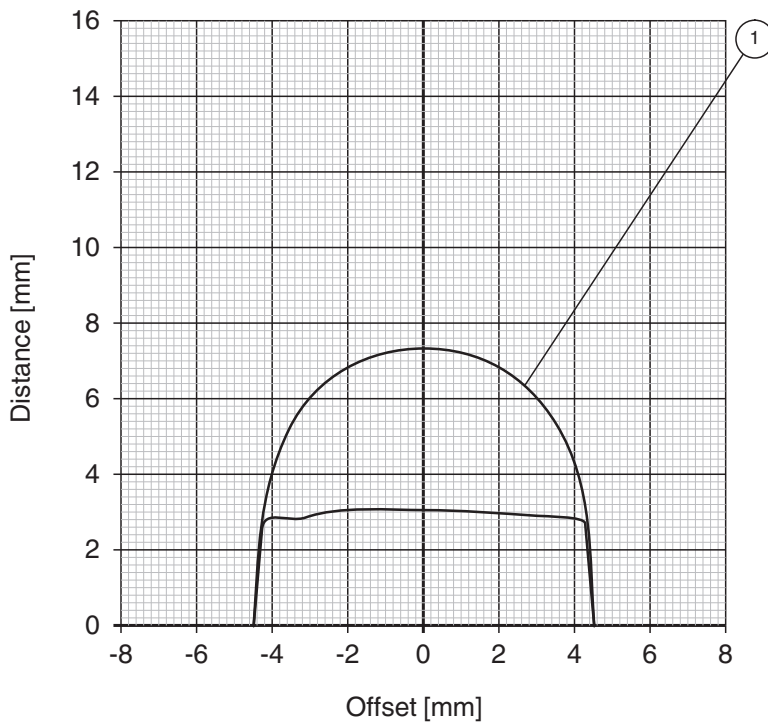
Singapore: +65 6779 9091
fa-info@sg.pepperl-fuchs.com

 PEPPERL+FUCHS

Technical Data

| | |
|----------------------------------|--|
| Degree of protection | EN 60529 |
| RFID | ISO/IEC 15693-1 ISO/IEC 15693-2 ISO/IEC 15693-3 ISO/IEC 18000-3 |
| Ambient conditions | |
| Ambient temperature | -25 ... 70 °C (-13 ... 158 °F) |
| Storage temperature | -40 ... 85 °C (-40 ... 185 °F) |
| Mechanical specifications | |
| Housing height | 4.5 mm |
| Housing diameter | 10 mm - 0.13 mm |
| 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 |

Reading range in aluminum IQC21-10



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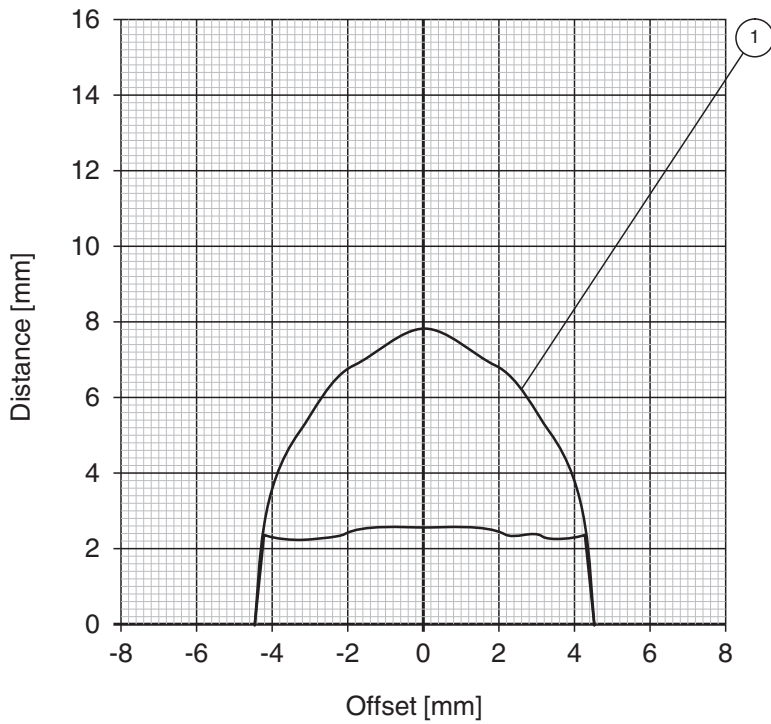
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Reading range in steel IQC21-10



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

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