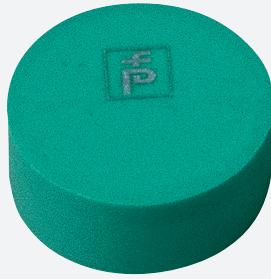


RFID Transponder

IQC33-10 10pcs

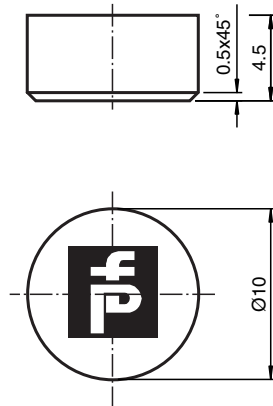


- Operating frequency 13.56 MHz
- Conforms to ISO 15693
- 16 kbit memory available
- 64 bit Fixcode
- Packaging unit: 10 pieces

Data carrier



Dimensions



Technical Data

| General specifications | | |
|-----------------------------|--|-------------------------|
| Operating frequency | | 13.56 MHz |
| Transfer rate | | 26 kBit/s |
| Memory | | |
| Chip Type | | FRAM MB89R118 (Fujitsu) |
| FRAM | | 16 kBit |
| UID | | 64 Bit |
| Memory organization | | 8 bytes/block |
| Read cycles | | unlimited |
| Write cycles | | unlimited |
| Data retention period | | 10 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: 263243_eng.pdf

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

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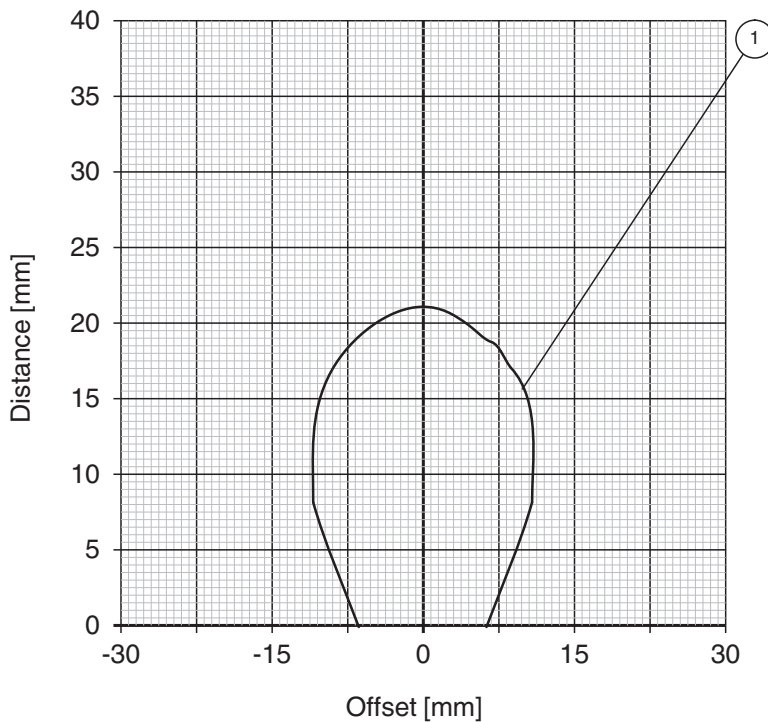
Singapore: +65 6779 9091
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PEPPERL+FUCHS

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 | -40 ... 85 °C (-40 ... 185 °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 air IQC33-10



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

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