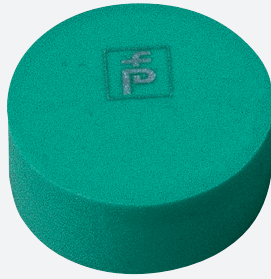


RFID Transponder

IQC33-10 10pcs

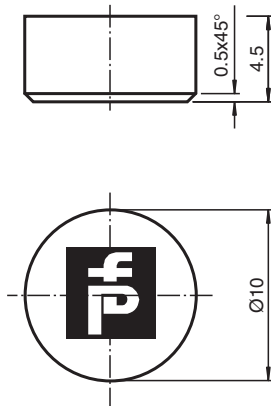


- Operating frequency 13.56 MHz
- Conforms to ISO 15693
- 16 kbit memory available
- 64 bit Fixcode
- Packaging unit: 10 pieces

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		
Degree of protection		EN 60529

Release date: 2024-06-14 Date of issue: 2024-06-14 Filename: 263243_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

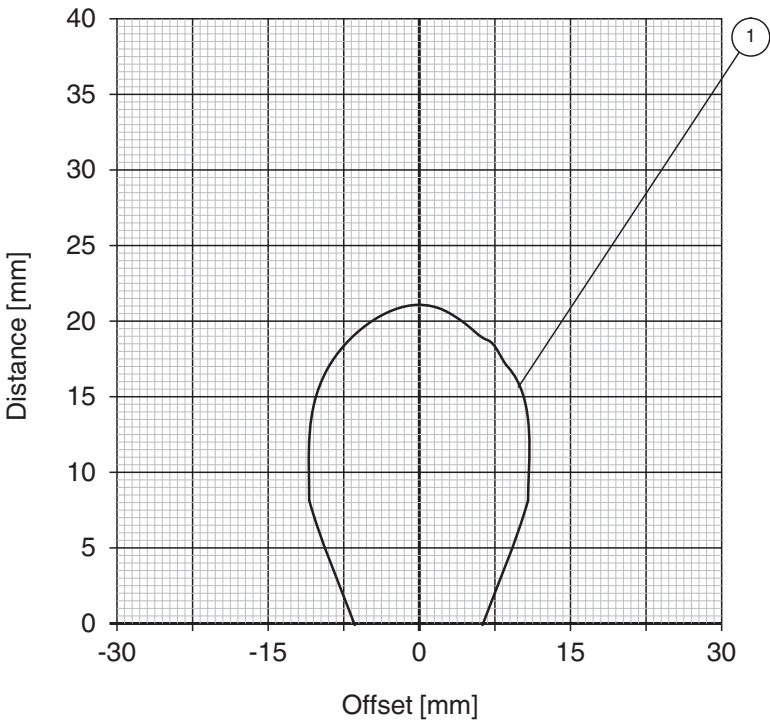
Singapore: +65 6779 9091
fa-info@sg.pepperl-fuchs.com

 **PEPPERL+FUCHS**

Technical Data

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	
Degree of protection	IP67
Material	
Housing	PBT
Encapsulation compound	CY 221/HY 2966
Installation	
In metal	yes
On metal	yes
In air	yes
Mass	1 g
Dimensions	
Height	4.5 mm
Height tolerance	± 0.1 mm
Diameter	10 mm
Diameter tolerance	- 0.2 mm
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