

# RFID Transponder

## IQC33-10 10pcs

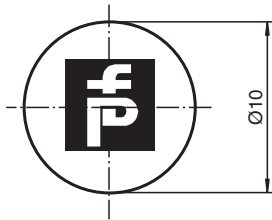
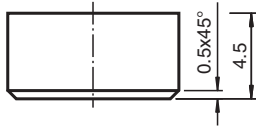


- Operating frequency 13.56 MHz
- Conforms to ISO 15693
- 16 kbit memory available
- 64 bit Fixcode
- Packaging unit: 10 pieces

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

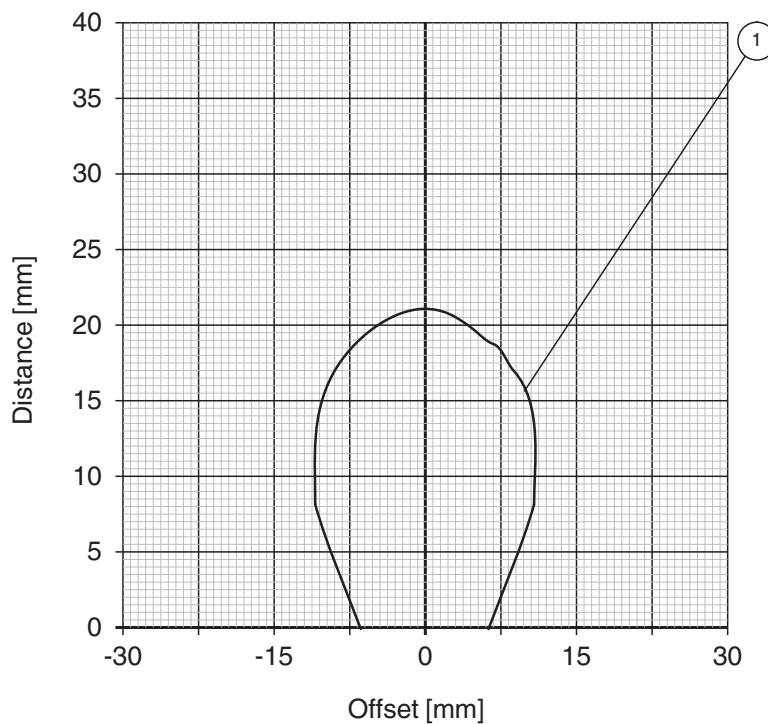
Degree of protection	EN 60529
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## Technical Data

RFID	ISO/IEC 15693-1 ISO/IEC 15693-2 ISO/IEC 15693-3 ISO/IEC 18000-3
<b>Ambient conditions</b>	
Ambient temperature	-40 ... 85 °C (-40 ... 185 °F)
Storage temperature	-40 ... 85 °C (-40 ... 185 °F)
<b>Mechanical specifications</b>	
Degree of protection	IP67
Material	
Housing	PBT
Encapsulation compound	CY 221/HY 2966
<b>Installation</b>	
In metal	yes
On metal	yes
In air	yes
Mass	1 g
<b>Dimensions</b>	
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



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

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