



RFID Transponder

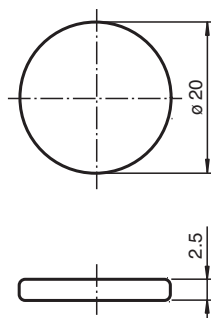
IQC33-20 50pcs

- Operating frequency 13.56 MHz
- Conforms to ISO 15693
- 64 bit Fixcode
- 2000 bytes memory available
- Unlimited writeable
- Degree of protection IP68
- Readable and writable from both sides

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)		EN 50581

Release date: 2020-03-26 Date of issue: 2020-03-27 Filename: 288644_eng.pdf

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

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Technical Data

Standard conformity

Degree of protection	EN 60529
RFID	ISO/IEC 15693-1 ISO/IEC 15693-2 ISO/IEC 15693-3 ISO/IEC 18000-3

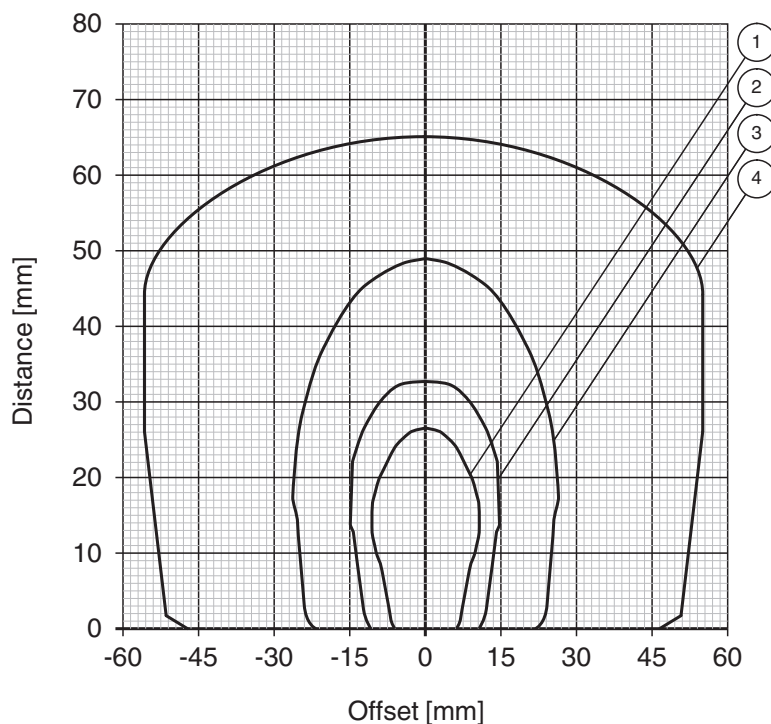
Ambient conditions

Ambient temperature	-40 ... 85 °C (-40 ... 185 °F)
Storage temperature	-40 ... 85 °C (-40 ... 185 °F) 160 °C (320 °F) for 50 hours 220 °C (428 °F) for 30 min

Mechanical specifications

Degree of protection	IP68
Material	
Housing	PA 6
Installation	
In air	yes
Mass	1.2 g
Construction type	Cylindrical
Note	Packaging unit, 50-piece

Reading range in air IQC33-20



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

Application

The transponder can be read and written from either side.

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