



RFID Transponder

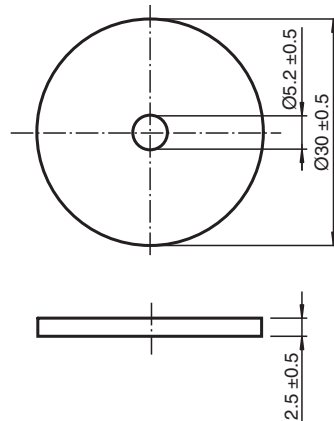
IQC33-30 25pcs

- 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
- Mounting holes for simple installation

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		

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

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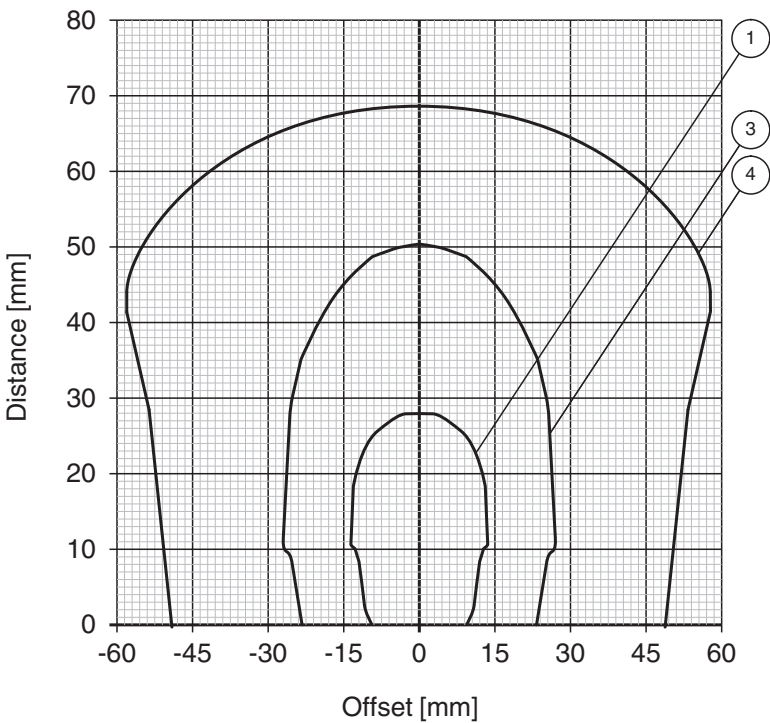
PEPPERL+FUCHS

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 ... 90 °C (-40 ... 194 °F)
Storage temperature	-40 ... 120 °C (-40 ... 248 °F) 120 °C (248 °F) for 72 hours
Mechanical specifications	
Housing height	2.5 mm
Housing diameter	30 mm
Degree of protection	IP68
Material	
Housing	PA 6
Installation	
In air	yes
Mass	3 g
Construction type	Cylindrical
Note	Packaging unit, 25-piece

Characteristic Curve

Reading range in air IQC33-30



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

Accessories

	ICZ-MH30-10-T10	Spacers for code/data carrier
	ICZ-MH30-25-T10	Spacers for code/data carrier

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Application

The transponder can be read and written from either side.

Mounting

High temperatures will cause the housing to expand.

If the housing is assembled under mechanical stress, the resulting pressure may damage the tag.

Install the tag loosely to allow for expansion due to high temperatures.