



# RFID Transponder

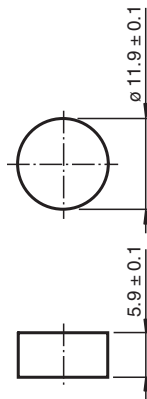
## IQC21-12.4 10pcs

- Operating frequency 13.56 MHz
- Conforms to ISO 15693
- 64 bit Fixcode
- 896 bits memory available
- Degree of protection IP67
- Packaging unit: 10 pieces

Data carrier



### Dimensions



### Technical Data

General specifications	
Operating frequency	13.56 MHz
Transfer rate	26 kBit/s
Memory	
Chip Type	I-CODE SLIX (NXP)
EEPROM	896 Bit
UID	64 Bit
Memory organization	4 bytes/block
Read cycles	unlimited
Write cycles	100000
Data retention period	50 years
Directive conformity	
Radio equipment	
Directive 2014/53/EU	EN 300330
RoHS	
Directive 2011/65/EU (RoHS)	IEC/EN 63000
Standard conformity	

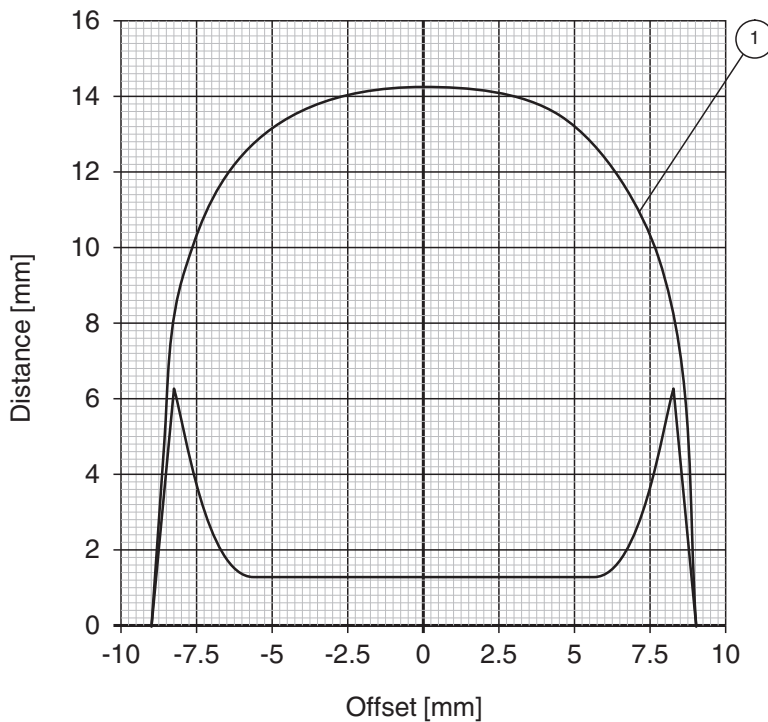
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Refer to "General Notes Relating to Pepperl+Fuchs Product Information".

**Technical Data**

Degree of protection	EN 60529
RFID	ISO/IEC 15693-1 ISO/IEC 15693-2 ISO/IEC 15693-3 ISO/IEC 18000-3
<b>Ambient conditions</b>	
Ambient temperature	-25 ... 70 °C (-13 ... 158 °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
<b>Dimensions</b>	
Height	5.9 mm
Height tolerance	± 0.1 mm
Diameter	11.9 mm
Diameter tolerance	± 0.1 mm
Construction type	Cylindrical
Note	Packaging unit, 10-piece

Reading range in air IQC21-12.4



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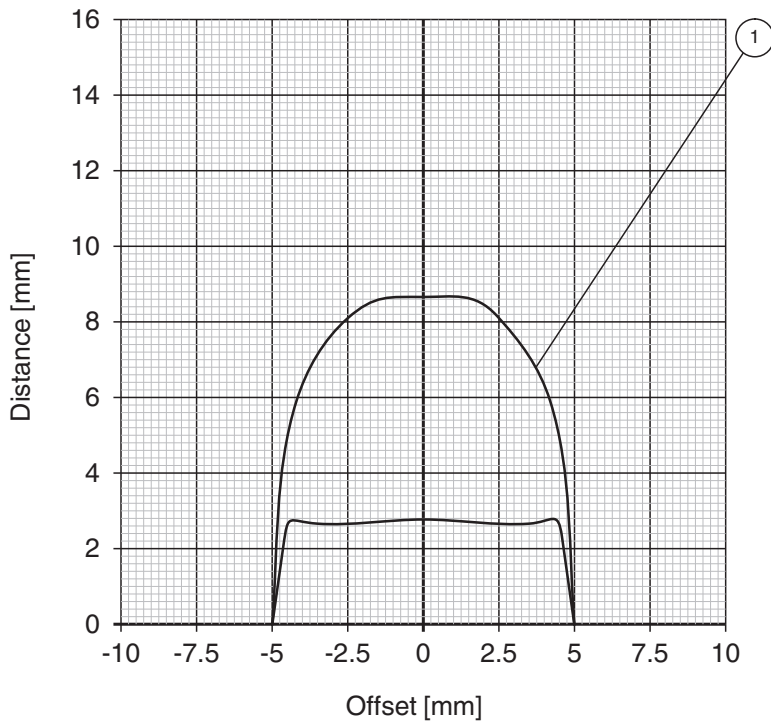
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Reading range in aluminum IQC21-12.4



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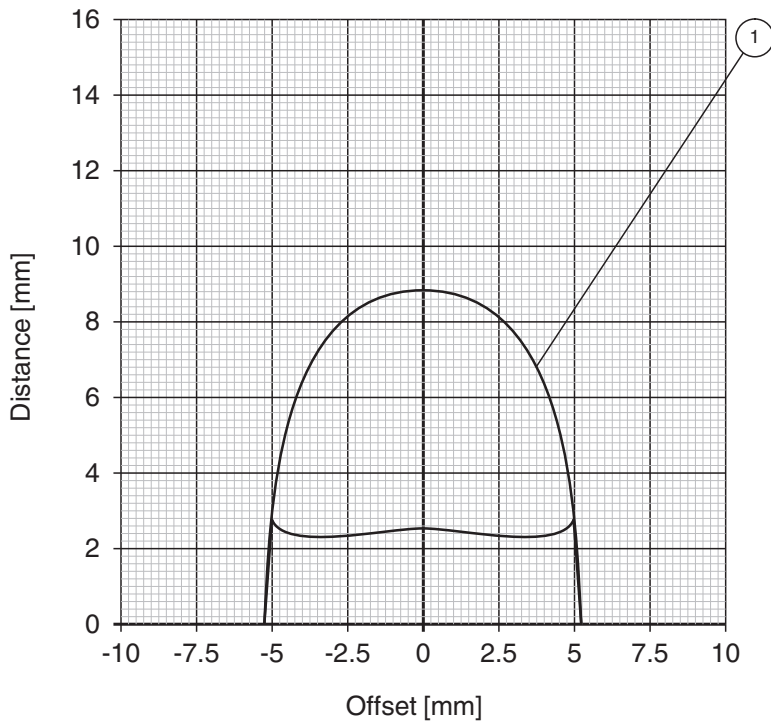
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Reading range in steel IQC21-12.4



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

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