



RFID Transponder

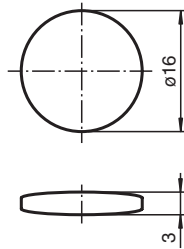
IQC21-16 50pcs

- Operating frequency 13.56 MHz
- 896 bits memory available
- 64 bit Fixcode
- Readable and writable from both sides
- Packaging unit: 50 pieces

Data carrier



Dimensions



Technical Data

General specifications	
Operating frequency	13.56 MHz
Transfer rate	26 kBit/s
Color	white
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

Release date: 2024-07-03 Date of issue: 2024-07-03 Filename: 261617_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

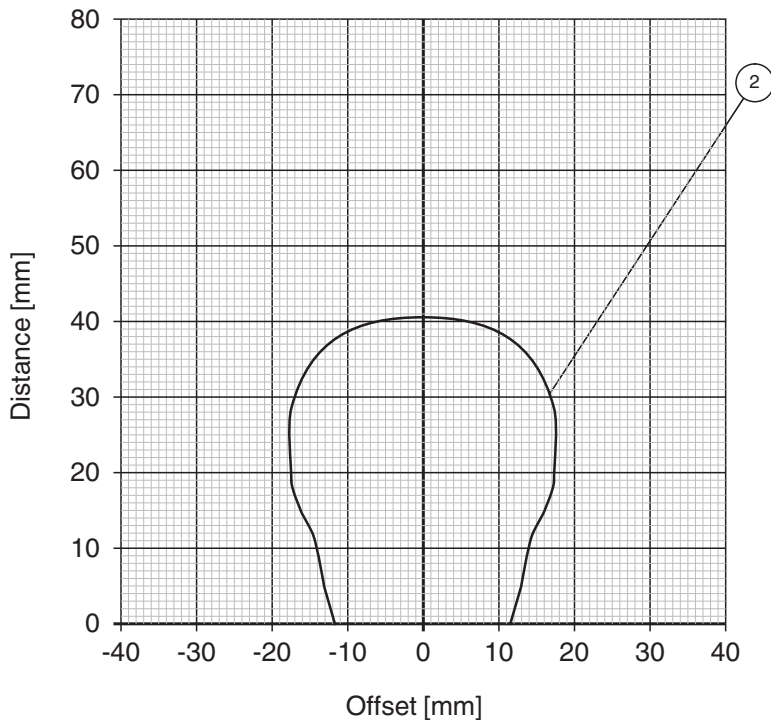
Singapore: +65 6779 9091
fa-info@sg.pepperl-fuchs.com

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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	-25 ... 85 °C (-13 ... 185 °F)
Storage temperature	-40 ... 85 °C (-40 ... 185 °F) 120 °C for 100 h 220 °C for 30 s
Mechanical specifications	
Degree of protection	IP68
Material	
Housing	PPS
Installation	
In air	yes
Mass	1 g
Dimensions	
Height	3 mm
Height tolerance	± 0.2 mm
Diameter	16 mm
Diameter tolerance	± 0.2 mm
Construction type	Cylindrical
Note	Packaging unit, 50-piece

Reading range in air IQC21-16



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

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Application

The transponder can be read and written from either side.

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