

Model Number

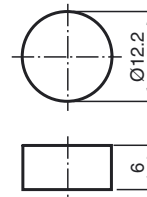
IQC21-12.4 10pcs

Data carrier

Features

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

Dimensions



Technical data

General specifications

Operating frequency	13.56 MHz
Transfer rate	26 kBit/s

Memory

Chip Type	I-CODE SLIX (NXP)
Type/Size	EEPROM 896 Bit ROM 64 Bit

Read cycles	unlimited
Write cycles	> 100000
Data retention period	50 years at 55 °C (131 °F)

Ambient conditions

Ambient temperature	-25 ... 70 °C (-13 ... 158 °F)
Storage temperature	-40 ... 85 °C (-40 ... 185 °F)

Mechanical specifications

Protection degree	IP67
Material	
Housing	PBT
Encapsulation compound	CY 221/HY 2966
Note	Packaging unit, 10-piece

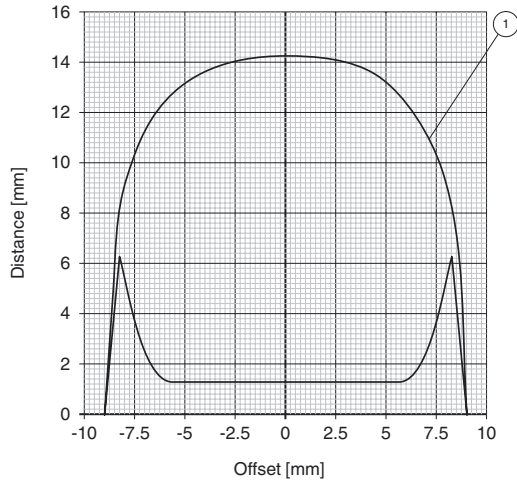
Compliance with standards and directives

Standard conformity	
Protection degree	EN 60529
RFID	ISO/IEC 15693-1:2010 , ISO/IEC 15693-2:2006 , ISO/IEC 15693-3:2009 , ISO/IEC 18000-3

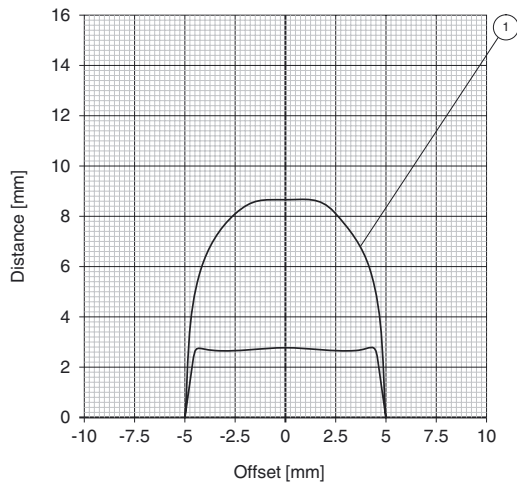
Read/write distances

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

Reading range in air IQC21-12.4



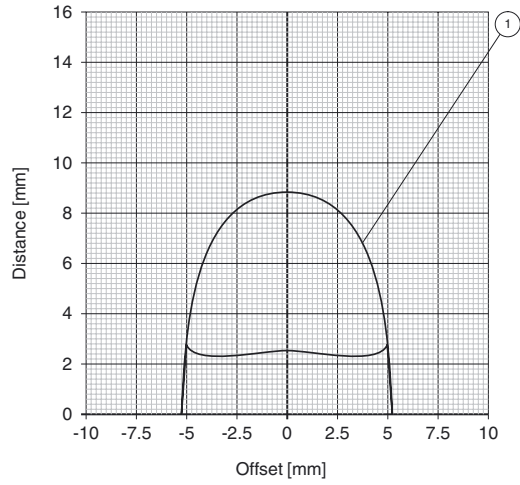
Reading range in aluminum IQC21-12.4



Release date: 2013-11-20 14:48 Date of issue: 2013-11-20 263242_eng.xml



Reading range in steel IQC21-12.4



Release date: 2013-11-20 14:48 Date of issue: 2013-11-20 263242_eng.xml

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 4411
fa-info@de.pepperl-fuchs.com

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