



Model Number

IQC42-C1

Data carrier

Features

- Operating frequency 13.56 MHz
- Complies with ISO 14443
- 7-byte read-only code
- Readable and writable from both sides
- 752 bytes memory available
- Degree of protection IP67

Accessories

IQC42-C1

Data carrier

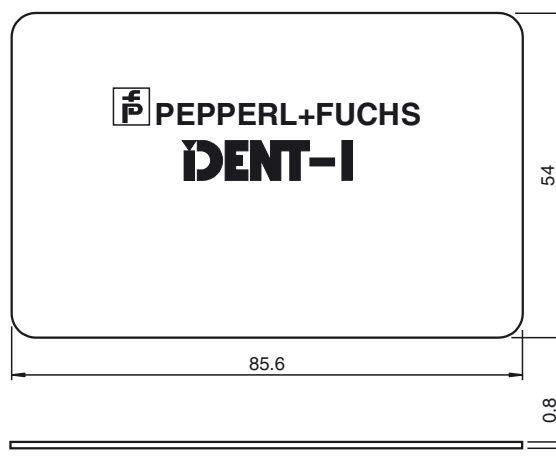
IQC43-30

Data carrier

IQC43-50

Data carrier

Dimensions



Technical data

General specifications

Operating frequency	13.56 MHz
Transfer rate	106 kBit/s

Memory

Chip Type	MF1 S5009 (NXP)
EEPROM	752 Byte
UID	56 Bit
Memory organization	16 bytes/block
Read cycles	unlimited
Write cycles	> 100000
Data retention period	10 years

Directive conformity

Electromagnetic compatibility	
R&TTE Directive 1995/5/EC	EN 300330-2:2010 V1.5.1

Standard conformity

Electromagnetic compatibility	EN 300330-1:2010 V1.7.1 EN 300330-2:2010 V1.5.1
Degree of protection	EN 60529:2000
RFID	ISO/IEC 14443-2:2010, ISO/IEC 14443-3:2001

Ambient conditions

Ambient temperature	-25 ... 55 °C (-13 ... 131 °F)
Storage temperature	-25 ... 60 °C (-13 ... 140 °F)

Mechanical specifications

Degree of protection	IP67
Material	PVC
Installation	
In air	yes
Construction type	Card

Notes

The transponder can be read and written from either side.