



### 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

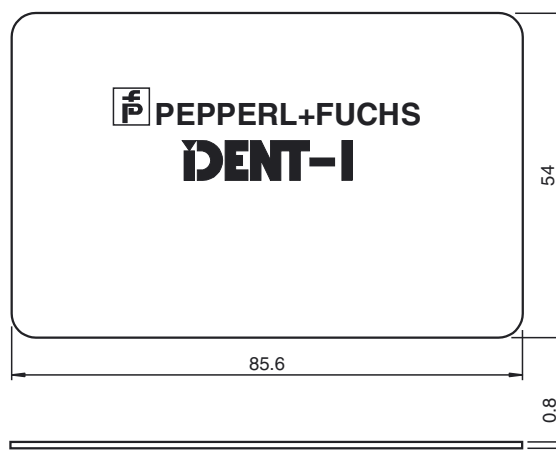
#### IQC43-30

Data carrier

#### IQC43-50

Data carrier

### Dimensions



### Technical data

#### General specifications

Operating frequency	13.56 MHz
Transfer rate	106 kBit/s

#### Memory

Chip Type	NXP MF1 S5009
Type/Size	EEPROM 1024 Byte ROM 56 Bit 752 Byte User data
Read cycles	unlimited
Write cycles	> 100000
Data retention period	10 years

#### 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

#### Compliance with standards and directives

Directive conformity	
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

### Notes

The transponder can be read and written from either side.