



### Model Number

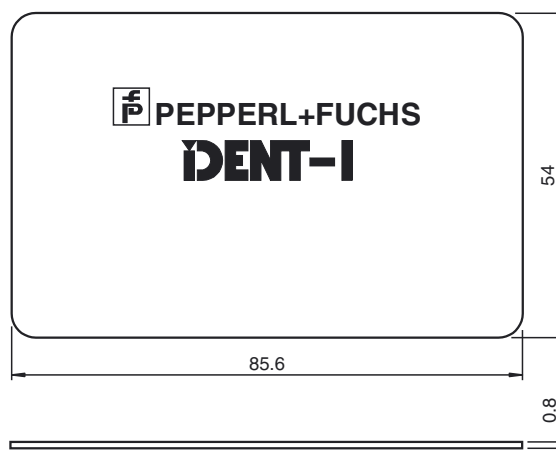
IPC03-C1

Data carrier

### Features

- Battery-free data carrier
- 32 bit fixcode
- 928 bits computer memory available
- Readable and writable from both sides
- Protection degree IP67
- ISO credit card format

### Dimensions



### Technical data

#### General specifications

|                     |          |
|---------------------|----------|
| Operating frequency | 125 kHz  |
| Transfer rate       | 2 kBit/s |

#### Memory

|                       |                                   |
|-----------------------|-----------------------------------|
| Chip Type             | EM4450 Titan (EM Microelectronic) |
| Type/Size             | EEPROM 928 Bit<br>ROM 32 Bit      |
| Read cycles           | unlimited                         |
| Write cycles          | > 100000                          |
| Data retention period | 10 years at 55 °C (131 °F)        |

#### Ambient conditions

|                     |                                |
|---------------------|--------------------------------|
| Ambient temperature | 0 ... 50 °C (32 ... 122 °F)    |
| Storage temperature | -40 ... 70 °C (-40 ... 158 °F) |

#### Mechanical specifications

|                   |             |
|-------------------|-------------|
| Protection degree | IP67        |
| Material          |             |
| Housing           | white PVC   |
| Mass              | approx. 6 g |

#### Compliance with standards and directives

|                     |          |
|---------------------|----------|
| Standard conformity |          |
| Protection degree   | EN 60529 |

### Notes

The transponder can be read and written from either side.