

RFID Transponder

IPC03-C1 10pcs

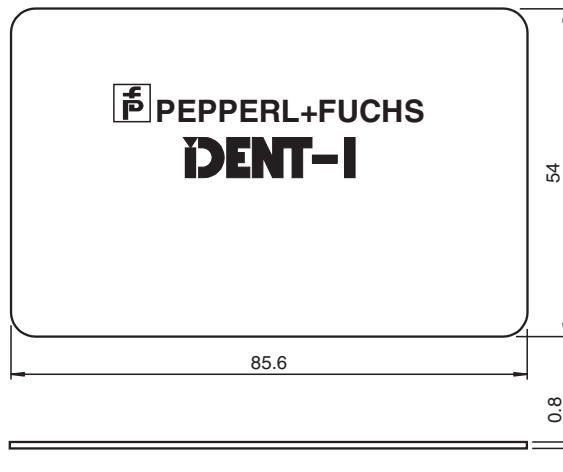


- Battery-free data carrier
- 32 bit fixcode
- 928 bits memory available
- Readable and writable from both sides
- Degree of protection IP68
- ISO credit card format

Data carrier



Dimensions



Technical Data

| General specifications | |
|-----------------------------|-----------------------------------|
| Operating frequency | 125 kHz |
| Transfer rate | 2 kBit/s |
| Color | white |
| Memory | |
| Chip Type | EM4450 Titan (EM Microelectronic) |
| EEPROM | 928 Bit |
| Read cycles | unlimited |
| Write cycles | > 100000 |
| Data retention period | 10 years at 55 °C (131 °F) |
| Directive conformity | |
| Radio equipment | |
| Directive 2014/53/EU | EN 300330 |
| RoHS | |
| Directive 2011/65/EU (RoHS) | IEC/EN 63000 |
| Standard conformity | |
| Degree of protection | EN 60529 |

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Refer to "General Notes Relating to Pepperl+Fuchs Product Information".

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Technical Data

| | |
|----------------------------------|--------------------------------|
| RFID | ISO/IEC 18000-2 |
| Ambient conditions | |
| Ambient temperature | -25 ... 50 °C (-13 ... 122 °F) |
| Storage temperature | -25 ... 50 °C (-13 ... 122 °F) |
| Mechanical specifications | |
| Housing length | 85.6 mm |
| Housing width | 54 mm |
| Housing height | 0.8 mm |
| Degree of protection | IP68 |
| Material | |
| Housing | PVC |
| Installation | |
| In air | yes |
| Mass | 6 g |
| Construction type | Card |
| Note | Packaging unit, 10-piece |

Application

The transponder can be read and written from either side.