



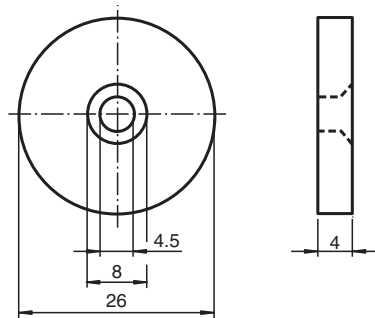
RFID Transponder IPC02-26-T6 10pcs

- Degree of protection IP68
- Battery-free high temperature code carrier
- 40 bit fix code
- Readable from both sides
- Mounting holes for simple installation
- Packaging unit: 10 pieces

Code carrier



Dimensions



Technical Data

| General specifications | |
|-----------------------------|------------------------------------|
| Operating frequency | 125 kHz |
| Transfer rate | 2 kBit/s |
| Memory | |
| Chip Type | EM4102 Unique (EM Microelectronic) |
| Read cycles | unlimited |
| Data retention period | > 10 years |
| Directive conformity | |
| Radio equipment | |
| Directive 2014/53/EU | EN 300330 |
| RoHS | |
| Directive 2011/65/EU (RoHS) | EN 50581 |
| Standard conformity | |
| Degree of protection | EN 60529 |
| RFID | ISO/IEC 18000-2 |
| Ambient conditions | |

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

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Technical Data

| | |
|----------------------------------|--|
| Ambient temperature | -25 ... 85 °C (-13 ... 185 °F) 20 ... 160 °C (68 ... 320 °F) for 100 x 5 minutes with transposition every 30 seconds |
| Storage temperature | -25 ... 140 °C (-13 ... 284 °F) for 1000 hours 200 °C (473 K) for 5 x 35 minutes |
| Shock and impact resistance | Shock: 40 g, 18 ms in 6 spatial axes 2000 x in accordance with IEC 68-2-29 Vibration: 10 g, 10 ... 2000 Hz, 2.5 hours in 3 spatial axes in accordance with IEC 68-2-6 |
| Mechanical specifications | |
| Degree of protection | IP68 (24 hours in water 1 m deep) |
| Material | |
| Housing | PA |
| Installation | |
| In air | yes |
| Mass | 3.6 g |
| Construction type | Cylindrical |
| Note | Packaging unit, 10-piece |

Application

The transponder can be read from either side.

Safety Information

High temperatures will cause the housing to expand.

If the housing is assembled under mechanical stress, the resulting pressure may damage the tag.

Install the tag loosely to allow for expansion due to high temperatures.