

## Technical data sheet Transponder

Part no.: 50102915

TFM 02 1125.220

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Figure can vary



## Technical data

### Basic data

|                   |           |
|-------------------|-----------|
| Series            | TFM       |
| Suitable for      | RFM       |
| Chip              | TagIT HFI |
| Working frequency | 13.56 MHz |

### Electrical data

#### Performance data

|                   |             |
|-------------------|-------------|
| Memory access     | Read/Write  |
| Memory size       | 256 B       |
| Memory block      | 64 Piece(s) |
| Memory block size | 4 B         |
| Storage time      | 50 ms       |

### Certifications

|                   |           |
|-------------------|-----------|
| Standards applied | ISO 15693 |
|-------------------|-----------|

### Mechanical data

|                  |             |
|------------------|-------------|
| Design           | Disc        |
| Thickness        | 3 mm        |
| Outer diameter   | 22 mm       |
| Housing material | Plastic, PC |
| Net weight       | 2 g         |

### Environmental data

|                                |                |
|--------------------------------|----------------|
| Ambient temperature, operation | -25 ... 85 °C  |
| Ambient temperature, storage   | -25 ... 120 °C |

### Certifications

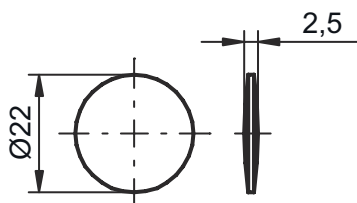
|                      |       |
|----------------------|-------|
| Degree of protection | IP 68 |
|----------------------|-------|

### Classification

|                       |          |
|-----------------------|----------|
| Customs tariff number | 85235200 |
| eCl@ss 8.0            | 27289290 |
| eCl@ss 9.0            | 27280402 |
| ETIM 5.0              | EC002996 |
| ETIM 6.0              | EC002996 |

## Dimensioned drawings

All dimensions in millimeters



## Notes



### Observe intended use!



- ⚠ This product is not a safety sensor and is not intended as personnel protection.
- ⚠ The product may only be put into operation by competent persons.
- ⚠ Only use the product in accordance with its intended use.

## Further information

- Under certain circumstances, metal in the reading field reduces the operating range considerably.