

## Technical data sheet Transponder

Part no.: 50106412

TFM 03 1510.210

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For illustration purposes only



Technical data

Basic data

|                   |           |
|-------------------|-----------|
| Series            | TFM       |
| Suitable for      | RFM       |
| Chip              | I-CodeSLI |
| Working frequency | 13.56 MHz |

Electrical data

|                  |             |
|------------------|-------------|
| Performance data |             |
| Memory size      | 112 B       |
| Memory block     | 28 Piece(s) |

Certifications

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

Mechanical data

|                  |         |
|------------------|---------|
| Design           | Disc    |
| Thickness        | 2.5 mm  |
| Outer diameter   | 30 mm   |
| Inner diameter   | 5 mm    |
| Housing material | Plastic |
| Plastic housing  | PA 66   |
| Net weight       | 3 g     |

Environmental data

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

Certifications

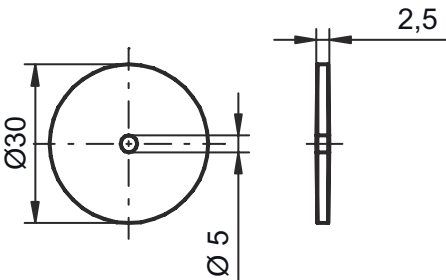
|                      |       |
|----------------------|-------|
| Degree of protection | IP 68 |
|----------------------|-------|

Classification

|                       |          |
|-----------------------|----------|
| Customs tariff number | 85235200 |
| ECLASS 5.1.4          | 27289200 |
| ECLASS 8.0            | 27289290 |
| ECLASS 9.0            | 27280402 |
| ECLASS 10.0           | 27280402 |
| ECLASS 11.0           | 27280402 |
| ECLASS 12.0           | 27280402 |
| ECLASS 13.0           | 27280402 |
| ECLASS 14.0           | 27280402 |
| ECLASS 15.0           | 27280402 |
| ECLASS 16.0           | 27280402 |
| ETIM 5.0              | EC002498 |
| ETIM 6.0              | EC002996 |
| ETIM 7.0              | EC002996 |
| ETIM 8.0              | EC002996 |
| ETIM 9.0              | EC002996 |
| ETIM 10.0             | EC002996 |

Dimensioned drawings

All dimensions in millimeters



Notes

|                                                                                                                  |                                                                                                                                                                                                                                                                                   |
|------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|  <b>Observe intended use!</b> |                                                                                                                                                                                                                                                                                   |
|                                | <ul style="list-style-type: none"><li>⚠ This product is not a safety sensor and is not intended as personnel protection.</li><li>⚠ The product may only be put into operation by competent persons.</li><li>⚠ Only use the product in accordance with its intended use.</li></ul> |

Further information

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

Accessories

Mounting technology - Other

|                                                                                  | Part no. | Designation  | Article | Description                                                                                                           |
|----------------------------------------------------------------------------------|----------|--------------|---------|-----------------------------------------------------------------------------------------------------------------------|
|  | 50107102 | Spacer 30 HT | Spacer  | Design, housing: Hollow cylinder<br>Outer diameter: 30 mm<br>Inner diameter: 5 mm<br>Housing material: Plastic, PA 66 |

| Note                                                                             |                                                                                                                           |
|----------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------|
|  | A list with all available accessories can be found on the Leuze website in the Download tab of the article detailed page. |