SMART **SENSOR** BUSINESS

Leuze electronic
the sensor people

Part no.: 50106413
TFM 05 1510.210
Transponder

Contents

- Technical data
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Figure can vary

Technical data

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

Electrical data	
Performance data	
Memory access	Read/Write
Memory size	112 B
Memory block	28 Piece(s)
Memory block size	4 B
Storage time	50 ms

Certifications	
Standards applied	ISO 15693

Mechanical data	
Design	Disc
Thickness	2.5 mm
Outer diameter	50 mm
Inner diameter	5 mm
Housing material	Plastic , PA 66
Net weight	4 g

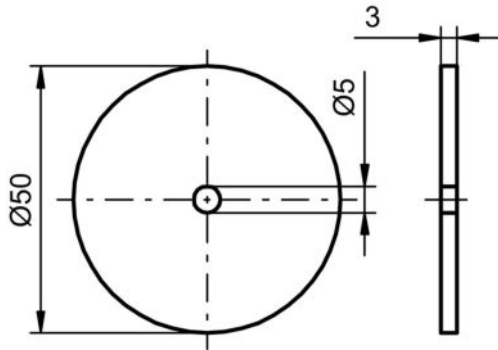| Environmental data	
Ambient temperature, operation	-25 ... 85 °C
Ambient temperature, storage	-40 ... 140 °C

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

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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.

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

Accessories

Mounting technology - Other

	Part no.	Designation	Article	Description
	50107103	Spacer 50 HT	Spacer	Design, housing: Hollow cylinder Inner diameter: 5 mm Housing material: Plastic, PA 66

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

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