SMART SENSOR BUSINESS

Leuze electronic

the sensor people

Part no.: 50039070
TFI 03 1601.120
Transponder

CE   RFID

Figure can vary

Contents

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Part no.: 50039070 – TFI 03 1601.120 – Transponder

Technical data

Basic data	
Series	TFI
Suitable for	RFI
Chip	EM4102
Working frequency	0.125 MHz

Electrical data	
Performance data	
Memory access	Read only
Memory size	8 B
Memory block	1 Piece(s)
Memory block size	1 B
Storage time	100 ms

Certifications	
Standards applied	ISO 15693

Mechanical data	
Design	Disc
Thickness	2.5 mm
Outer diameter	30 mm
Inner diameter	5 mm
Housing material	Plastic
Net weight	3.5 g
Type of fastening	Through-hole mounting

Environmental data	
Ambient temperature, operation	-20 ... 85 °C
Ambient temperature, storage	-20 ... 200 °C

Certifications	
Degree of protection	IP 67

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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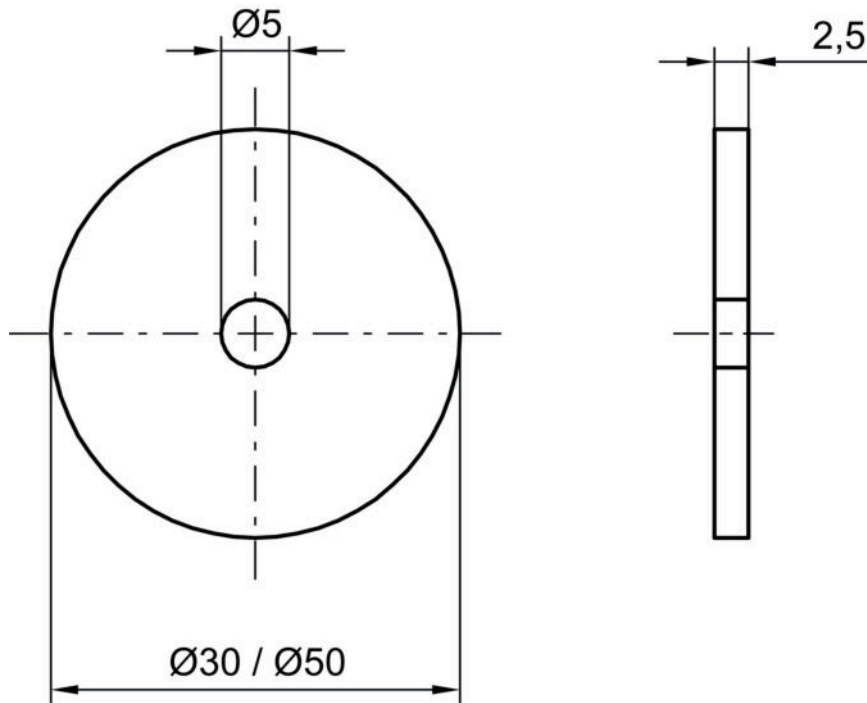
Notes

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
	50107102	Spacer 30 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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