

Technical data sheet Transponder

Part no.: 50108070

TFM 05 1110.Ex

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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
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Mechanical data

Design	Disc
Thickness	15 mm
Outer diameter	54 mm
Inner diameter	5 mm
Housing material	Plastic, Unreinforced polyamide PA
Net weight	45 g
Mounting	On metal

Environmental data

Ambient temperature, operation	-25 ... 60 °C
Ambient temperature, storage	-40 ... 85 °C

Ex specification

Ex device group	II
Permissible surface temperature	T=80 °C
Temperature class, gases	T4
Ignition protection type	"nA" non-sparking "tD" protection through housing

Certifications

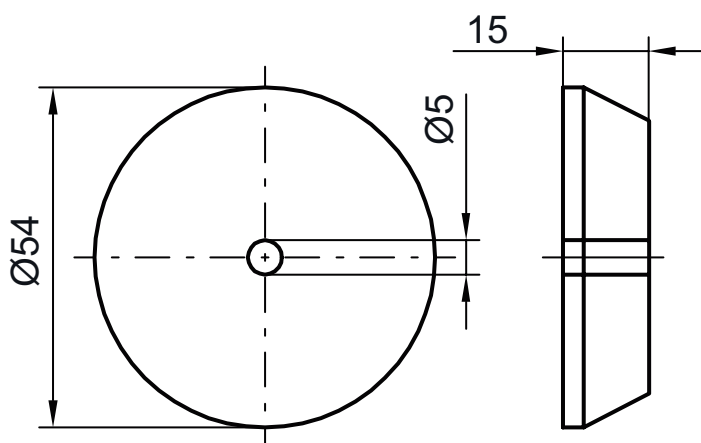
Degree of protection	IP 67
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Classification

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.