

Technical data sheet Transponder

Part no.: 50108070

TFM 05 1110.Ex

Contents

- Technical data
- Dimensioned drawings
- Notes
- Further information



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
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Mechanical data

Design	Disc
Thickness	15 mm
Outer diameter	54 mm
Inner diameter	5 mm
Housing material	Plastic
Plastic housing	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

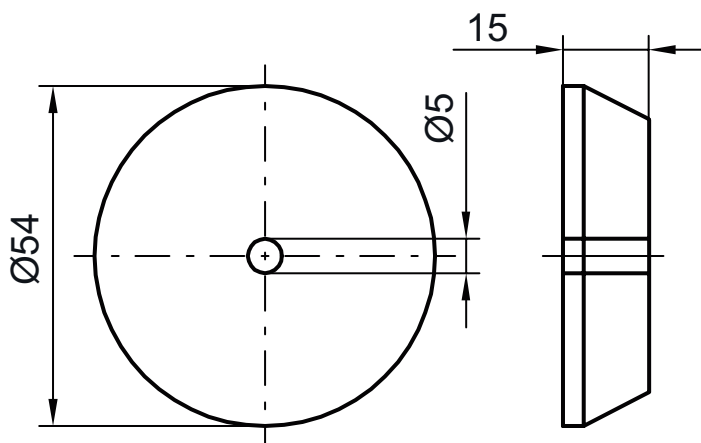
Degree of protection	IP 67
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Classification

Customs tariff number	85235200
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

 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.