



**Part no.: 50108070**  
**TFM 05 1110.Ex**  
**Transponder**



Figure can vary

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Part no.: 50108070 – TFM 05 1110.Ex – Transponder

## Technical data

<b>Basic data</b>	
Series	TFM
Suitable for	RFM
Chip	I-CodeSLI
Working frequency	13.56 MHz

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

<b>Certifications</b>	
Standards applied	ISO 15693

<b>Mechanical data</b>	
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

<b>Environmental data</b>	
Ambient temperature, operation	-25 ... 60 °C
Ambient temperature, storage	-40 ... 85 °C

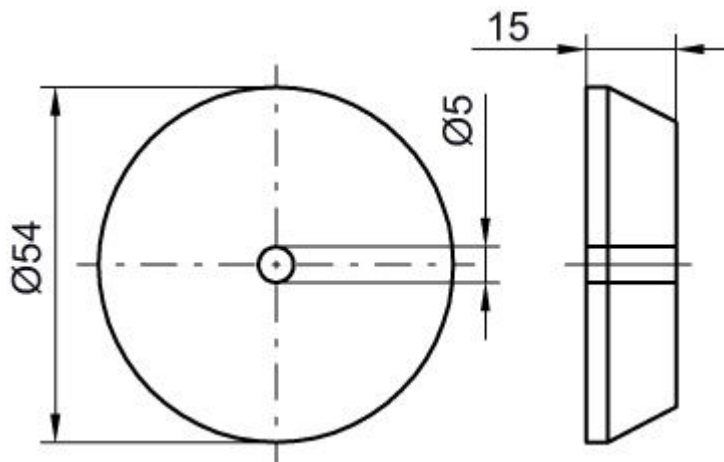
<b>Ex specification</b>	
Ex device group	II
Permissible surface temperature	T=80 °C
Temperature class, gases	T4
Ignition protection type	"nA" non-sparking "tD" protection through housing

<b>Certifications</b>	
Degree of protection	IP 67

<b>Classification</b>	
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**

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