

# RFID Transponder

## IPC03-8 10pcs

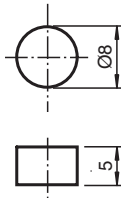


- Battery-free data carrier
- 32 bit fixcode
- 928 bits memory available
- Flush mounting in metal
- Degree of protection IP67

Data carrier



### Dimensions



### Technical Data

General specifications	
Operating frequency	125 kHz
Transfer rate	2 kBit/s
Memory	
Chip Type	EM4450 Titan (EM Microelectronic)
EEPROM	928 Bit
Read cycles	unlimited
Write cycles	> 100000
Data retention period	10 years at 55 °C (131 °F)
Directive conformity	
Radio equipment	
Directive 2014/53/EU	EN 300330
RoHS	
Directive 2011/65/EU (RoHS)	IEC/EN 63000
Standard conformity	
Degree of protection	EN 60529
RFID	ISO/IEC 18000-2

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## Technical Data

### Ambient conditions

Ambient temperature	-25 ... 70 °C (-13 ... 158 °F)
Storage temperature	-40 ... 85 °C (-40 ... 185 °F)

### Mechanical specifications

Housing height	5 mm
Housing diameter	8 mm - 0.103 mm
Degree of protection	IP67
Material	
Housing	PBT
Encapsulation compound	PU
Installation	
In metal	yes
On metal	yes
In air	yes
Mass	1 g
Construction type	Cylindrical
Note	Packaging unit, 10-piece

## Mounting

The surface containing the text must face the read/write head.