

RFID Transponder

IPC03-20PVC 50pcs



- Battery-free data carrier
- 32 bit fixcode
- 928 bits memory available
- Readable and writable from both sides

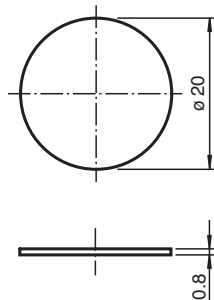
Data carrier



Application

The transponder can be read and written from either side.

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

Refer to "General Notes Relating to Pepperl+Fuchs Product Information".

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Technical Data

Standard conformity		
Degree of protection		EN 60529
RFID		ISO/IEC 18000-2
Ambient conditions		
Ambient temperature		-15 ... 55 °C (5 ... 131 °F)
Storage temperature		-15 ... 75 °C (5 ... 167 °F)
Mechanical specifications		
Housing height		0.8 mm
Housing diameter		20 mm
Degree of protection		IP68
Material		
Housing		PVC
Installation		
In air		yes
Mass		1 g
Construction type		Cylindrical
Note		Packaging unit, 50-piece