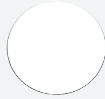


RFID Transponder

IPC03-20PVC 50pcs



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

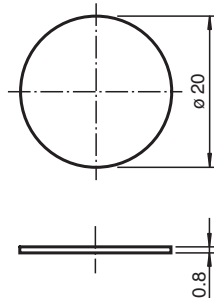
Data carrier



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

Release date: 2022-12-15 Date of issue: 2022-12-15 Filename: 70143964_eng.pdf

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

Pepperl+Fuchs Group
www.pepperl-fuchs.com

USA: +1 330 486 0001
fa-info@us.pepperl-fuchs.com

Germany: +49 621 776 1111
fa-info@de.pepperl-fuchs.com

Singapore: +65 6779 9091
fa-info@sg.pepperl-fuchs.com

 PEPPERL+FUCHS

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