



RFID Transponder

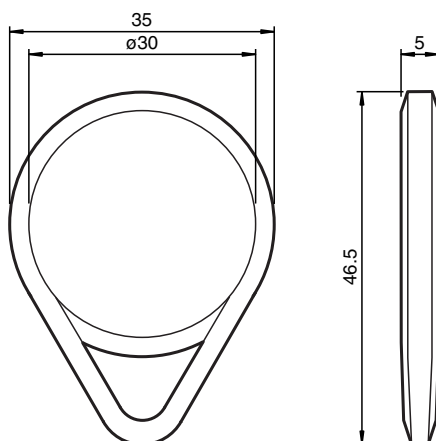
IPC03-20K5

- Battery-free data carrier
- 32 bit fixcode
- 928 bits memory available
- Readable and writable from both sides
- Degree of protection IP67
- Key fob

Data carrier



Dimensions



Technical Data

General specifications

Operating frequency	125 kHz
Transfer rate	2 kBit/s
Color	black

Memory

Chip Type	EM4450 Titan (EM Microelectronic)
EEPROM	928 Bit
Read cycles	unlimited
Write cycles	> 100000
Data retention period	> 10 years

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

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Technical Data

RFID		ISO/IEC 18000-2
Ambient conditions		
Ambient temperature		-20 ... 80 °C (-4 ... 176 °F)
Storage temperature		-20 ... 80 °C (-4 ... 176 °F)
Mechanical specifications		
Housing length		46.5 mm
Housing width		35 mm
Housing height		5 mm
Housing diameter		35 mm
Degree of protection		IP67
Material		
Housing		PC (Polycarbonate)
Installation		
In air		yes
Construction type		Key fob

Application

The transponder can be read and written from either side.

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