

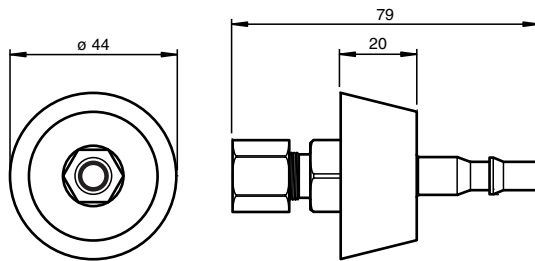
# RFID Transponder IPC03-MH44

- Battery-free data carrier
- 32 bit fixcode
- 928 bits memory available
- Degree of protection IP67
- 8 mm tube connection

RFID tag with tube connection



## 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

Release date: 2022-12-15 Date of issue: 2022-12-15 Filename: 220835\_eng.pdf

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

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## Technical Data

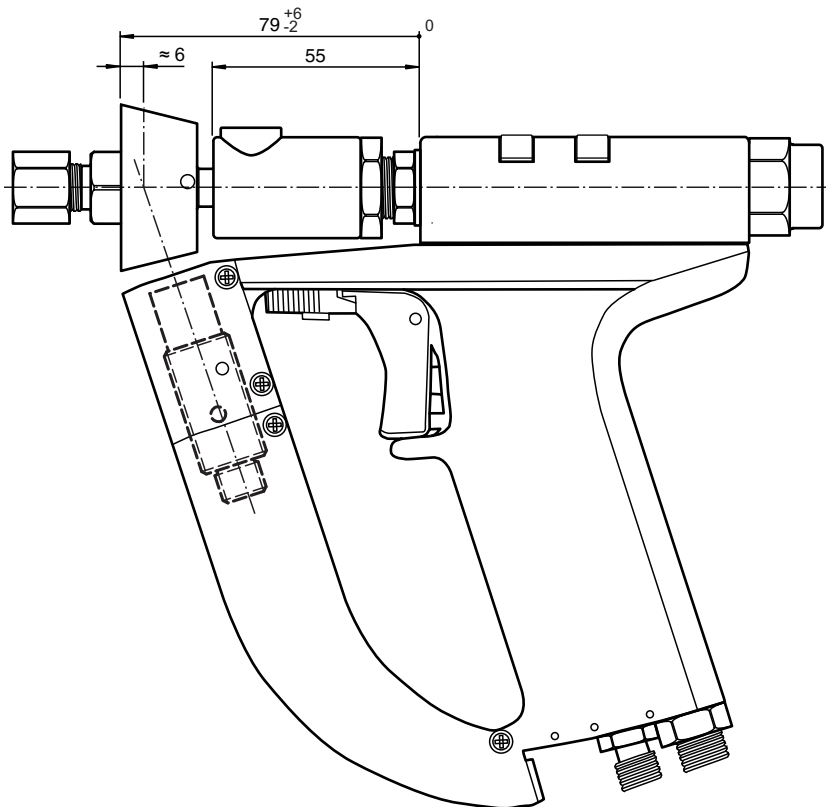
### Ambient conditions

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

### Mechanical specifications

Housing height	79 mm
Housing diameter	44 mm
Degree of protection	IP67
Material	
Housing	PA
Installation	
On metal	yes
Mass	100 g
Construction type	Special Design

## Installation Conditions



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