



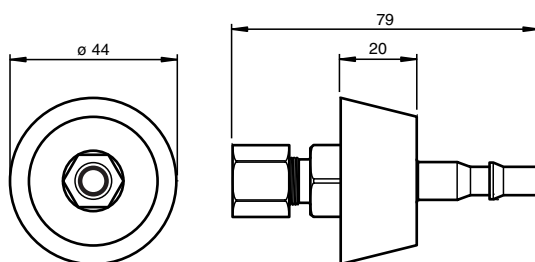
RFID Transponder IPC03-MH44

- 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

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

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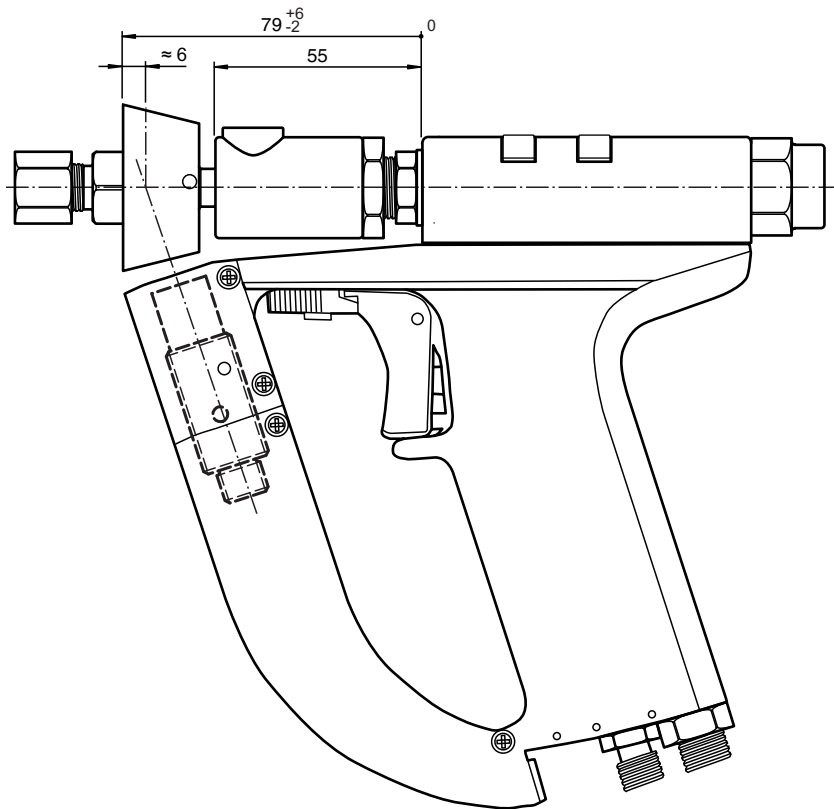
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 **PEPPERL+FUCHS**

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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