

# RFID Transponder

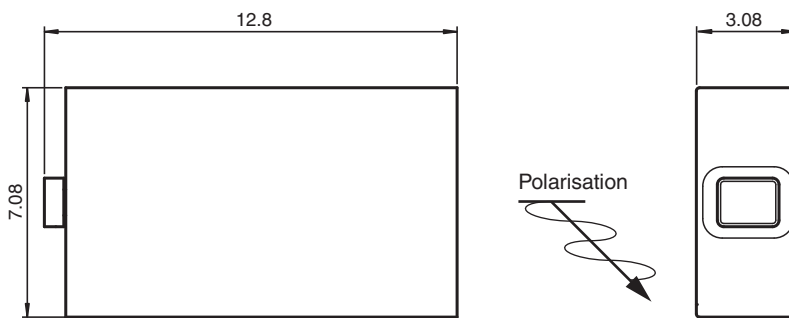
## IUC76-F205-M-FR2 10pcs



- Operating frequency: 902 MHz ... 928 MHz
- Complies with EPC Gen2 (ISO/IEC 18000-63)
- Sturdy housing, suitable for rough industrial use
- Optimized for mounting on metal

Data carrier

### Dimensions



### Technical Data

General specifications	
Operating frequency	902 ... 928 MHz
Polarization	linear
Memory	
Chip Type	Higgs-3 (Alien)
Memory Bank 00 (Reserved)	64 Bit
Memory Bank 01 (EPC/UII)	96 ... 480 Bit
Memory Bank 10 (TID)	96 Bit
Memory Bank 11 (User memory)	512 Bit
Read cycles	unlimited
Write cycles	> 100000
Data retention period	50 years
Standard conformity	
Degree of protection	EN 60529
RFID	ISO/IEC 18000-63
Ambient conditions	
Ambient temperature	-40 ... 85 °C (-40 ... 185 °F)

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

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## Technical Data

Storage temperature	-40 ... 150 °C (-40 ... 302 °F) 200 °C (392 °F) for 3 hours 220 °C (428 °F) for 30 minutes
<b>Mechanical specifications</b>	
Housing length	12.8 mm
Housing width	7.08 mm
Housing height	3.08 mm
Degree of protection	IP68
<b>Material</b>	
Housing	Ceramic
<b>Installation</b>	
On metal	yes
Mass	1.4 g
Construction type	Rectangular type
Note	Packaging unit, 10-piece