

RFID Transponder

IUC76-F209-M-FR1 10pcs

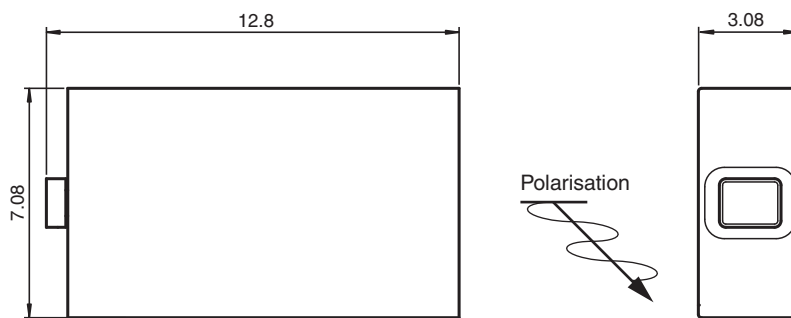


- Operating frequency 865 ... 868 MHz
- Complies with EPC Gen2 (ISO/IEC 18000-63)
- Sturdy housing, suitable for rough industrial use
- Optimized for mounting in metal

Data carrier

UK
CA

Dimensions



Technical Data

General specifications		
Operating frequency		865 ... 868 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
Directive conformity		
Radio equipment		
Directive 2014/53/EU		EN 302208
RoHS		
Directive 2011/65/EU (RoHS)		IEC/EN 63000

Release date: 2022-11-28 Date of issue: 2022-11-28 Filename: 294602_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 18000-63

Ambient conditions

Ambient temperature	-40 ... 85 °C (-40 ... 185 °F)
Storage temperature	-40 ... 150 °C (-40 ... 302 °F) 200 °C (392 °F) for 3 hours 220 °C (428 °F) for 30 minutes

Mechanical specifications

Housing length	12.8 mm
Housing width	7.08 mm
Housing height	3.08 mm
Degree of protection	IP68
Material	
Housing	Ceramic
Installation	Adhesive
In metal	yes
Mass	1.4 g
Construction type	Rectangular type
Note	Packaging unit, 10-piece