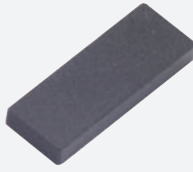


RFID Transponder

IUC76-F290-M-FR1 10pcs

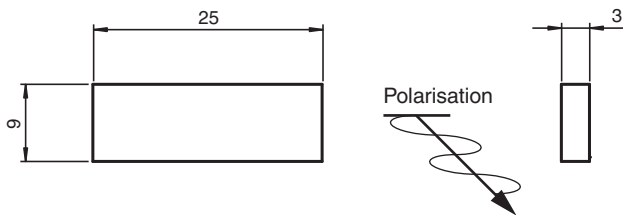


- Operating frequency 865 ... 868 MHz
- Complies with EPC Gen2 (ISO/IEC 18000-63)
- Sturdy housing, suitable for rough industrial use
- Optimized for mounting on metal

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: 296027_eng.pdf

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

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 **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)

Mechanical specifications

Housing length	25 mm
Housing width	9 mm
Housing height	3 mm
Degree of protection	IP68
Material	
Housing	Ceramic
Installation	Adhesive
In metal	yes
On metal	yes
Mass	3.6 g
Construction type	Rectangular type
Note	Packaging unit, 10-piece