

# RFID Transponder

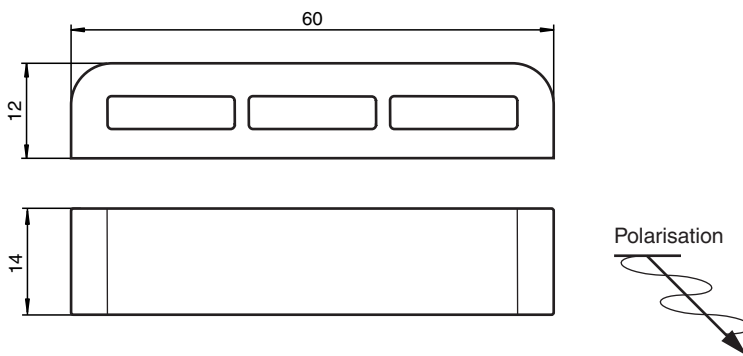
## IUC72-F152-M-FR2



- Operating frequency 902 ... 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	UCODE G2XM (NXP)
Memory Bank 00 (Reserved)	64 Bit
Memory Bank 01 (EPC/Ull)	240 Bit
Memory Bank 10 (TID)	64 Bit
Memory Bank 11 (User memory)	512 Bit
Read cycles	unlimited
Write cycles	> 100000
Data retention period	10 years
Directive conformity	
Electromagnetic compatibility	
R&TTE Directive 1995/5/EC	EN 302208-2:2011 V1.4.1
Standard conformity	

Release date: 2020-03-24 Date of issue: 2020-03-27 Filename: 914668\_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

**PF** PEPPERL+FUCHS

## Technical Data

Electromagnetic compatibility	EN 302208-2:2011 V1.4.1
Degree of protection	EN 60529:2000
RFID	ISO/IEC 18000-63:2013
<b>Ambient conditions</b>	
Ambient temperature	-35 ... 85 °C (-31 ... 185 °F)
Storage temperature	-35 ... 85 °C (-31 ... 185 °F)
<b>Mechanical specifications</b>	
Degree of protection	IP68
Material	
Housing	ABS / PC
Installation	
On metal	yes
Mass	7 g
Construction type	Rectangular type