



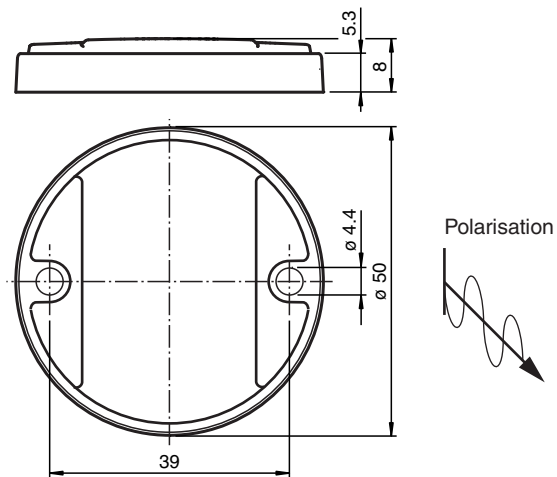
RFID Transponder

IUC76-50-FR2

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

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)	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: 914674_eng.pdf

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

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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
Ambient conditions	
Ambient temperature	-40 ... 85 °C (-40 ... 185 °F)
Storage temperature	-40 ... 160 °C (-40 ... 320 °F)
Mechanical specifications	
Degree of protection	IP68
Material	
Housing	PA 6
Installation	
In air	yes
Mass	24 g
Construction type	Cylindrical