



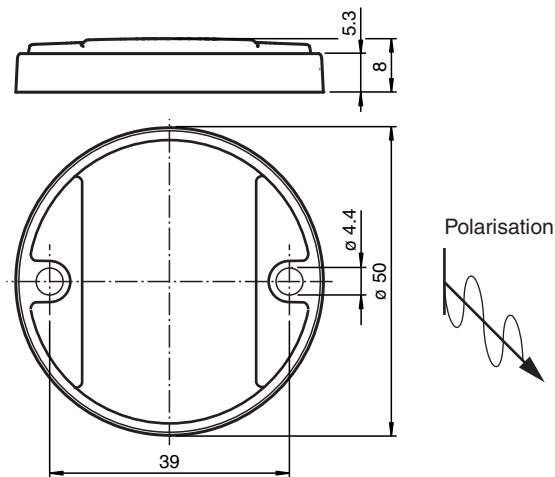
RFID Transponder

IUC76-50-FR1

- Operating frequency 865 ... 868 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	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)	64 Bit
Memory Bank 11 (User memory)	512 Bit
Read cycles	unlimited
Write cycles	100000
Data retention period	10 years

Directive conformity

Radio equipment	
Directive 2014/53/EU	EN 302208
RoHS	

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

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 **PEPPERL+FUCHS**

Technical Data

Directive 2011/65/EU (RoHS)	EN 50581
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 ... 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