



RFID Transponder

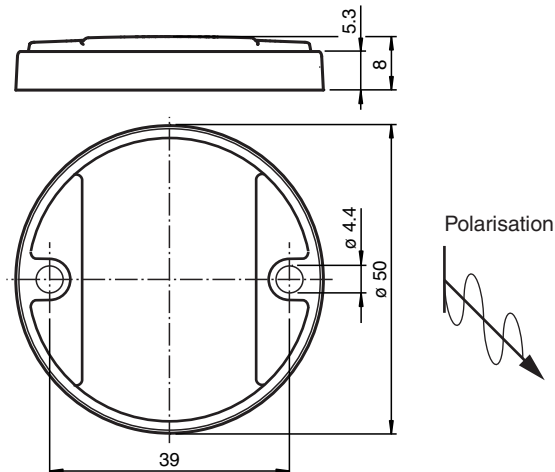
IUC77-50-FR1 10pcs

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

RFID Transponder

UK
CA

Dimensions



Technical Data

General specifications

Operating frequency	865 ... 868 MHz
Polarization	linear

Memory

Chip Type	Monza 4QT (Impinj)
Memory Bank 00 (Reserved)	64 Bit
Memory Bank 01 (EPC/UII)	128 Bit
Memory Bank 10 (TID)	96 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	
Directive 2011/65/EU (RoHS)	IEC/EN 63000

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

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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 ... 160 °C (-40 ... 320 °F)

Mechanical specifications

Housing height	8 mm
Housing diameter	50 mm
Degree of protection	IP68
Material	
Housing	PA 6
Installation	
In air	yes
Mass	24 g
Construction type	Cylindrical
Note	Packaging unit, 10-piece