



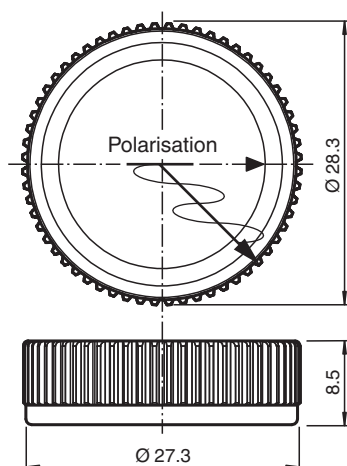
RFID Transponder

IUC76-28ST-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 in metal

RFID Transponder

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)	96 Bit
Memory Bank 11 (User memory)	512 Bit
Read cycles	unlimited
Write cycles	> 100000
Data retention period	50 years @ 77 °C (170.6 °F)

Standard conformity

Degree of protection	EN 60529
RFID	ISO/IEC 18000-63

Ambient conditions

Release date: 2024-06-14 Date of issue: 2024-06-14 Filename: 70119950_eng.pdf

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

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PEPPERL+FUCHS

Technical Data

Ambient temperature	-40 ... 85 °C (-40 ... 185 °F)
Storage temperature	-50 ... 250 °C (-58 ... 482 °F)
Mechanical specifications	
Degree of protection	IP69K
Material	
Housing	Stainless steel
Installation	
In metal	yes
Mass	25.4 g
Dimensions	
Height	8.5 mm
Height tolerance	± 0.1 mm
Diameter	28.3 mm
Diameter tolerance	± 0.1 mm
Construction type	Cylindrical
Note	observe mounting instructions

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