



RFID Transponder

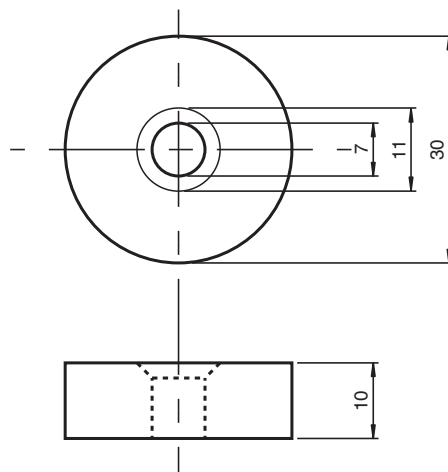
IQC21-30-EX smart-DOME 50pcs

- Operating frequency 13.56 MHz
- 64 bit Fixcode
- 896 bits memory available
- Mounting holes for simple installation
- ATEX-approval for zone 1 and zone 21
- Conforms to ISO 15693

Data carrier for hazardous area



Dimensions



Technical Data

General specifications

Marking	- II 2G Ex ia IIC T6 Gb - II 2D Ex ia IIC T80°C Db
Operating frequency	13.56 MHz
Transfer rate	26 kBit/s

Memory

Chip Type	I-CODE SLI (NXP)
EEPROM	896 Bit
UID	64 Bit
Memory organization	4 bytes/block
Read cycles	unlimited
Write cycles	> 100000
Data retention period	10 years at 55 °C (131 °F)

Directive conformity

Electromagnetic compatibility	
R&TTE Directive 1995/5/EC	EN 302291-2:2005 V1.1.1
Explosion protection	

Release date: 2020-03-24 Date of issue: 2020-03-27 Filename: 262572_eng.pdf

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

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Technical Data

Directive 94/9/EC	EN 60079-0:2012+A11:2013, EN 60079-11:2012
Standard conformity	
Electromagnetic compatibility	EN 302291-2:2005 V1.1.1
Degree of protection	EN 60529:2000
RFID	ISO/IEC 15693-1:2010 , ISO/IEC 15693-2:2006 , ISO/IEC 15693-3:2009 , ISO/IEC 18000-3:2008
Ambient conditions	
Ambient temperature	-25 ... 70 °C (-13 ... 158 °F)
Storage temperature	-40 ... 110 °C (-40 ... 230 °F)
Mechanical specifications	
Degree of protection	IP67
Material	
Housing	Polyurethane (PUR)
Installation	
On metal	yes
In air	yes
Construction type	Cylindrical
Note	Packaging unit, 50-piece

Mounting

The surface containing the text must face the read/write head.

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