

# RFID Transponder

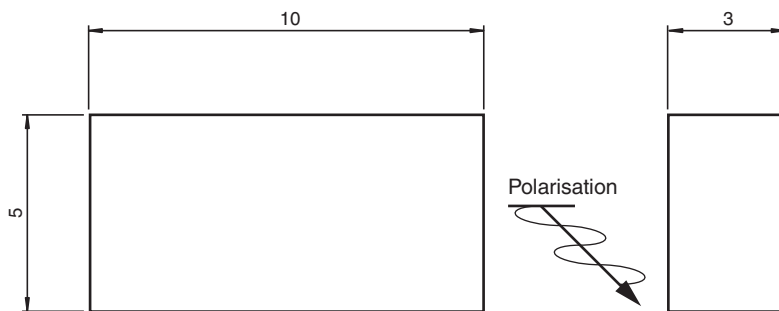
## IUC76-F204-M-FR2 10pcs



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

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)         | 96 Bit          |
| Memory Bank 11 (User memory) | 512 Bit         |
| Read cycles                  | unlimited       |
| Write cycles                 | > 100000        |
| Data retention period        | 50 years        |

#### Standard conformity

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

#### Ambient conditions

|                     |                                |
|---------------------|--------------------------------|
| Ambient temperature | -40 ... 85 °C (-40 ... 185 °F) |
|---------------------|--------------------------------|

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

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## Technical Data

|                           |  |                                 |
|---------------------------|--|---------------------------------|
| Storage temperature       |  | -40 ... 150 °C (-40 ... 302 °F) |
| Mechanical specifications |  |                                 |
| Housing length            |  | 10 mm                           |
| Housing width             |  | 5 mm                            |
| Housing height            |  | 3 mm                            |
| Degree of protection      |  | IP68                            |
| Material                  |  |                                 |
| Housing                   |  | Ceramic                         |
| Installation              |  | Adhesive                        |
| In metal                  |  | yes                             |
| On metal                  |  | yes                             |
| Mass                      |  | 0.9 g                           |
| Construction type         |  | Rectangular type                |
| Note                      |  | Packaging unit, 10-piece        |