

# RFID Transponder

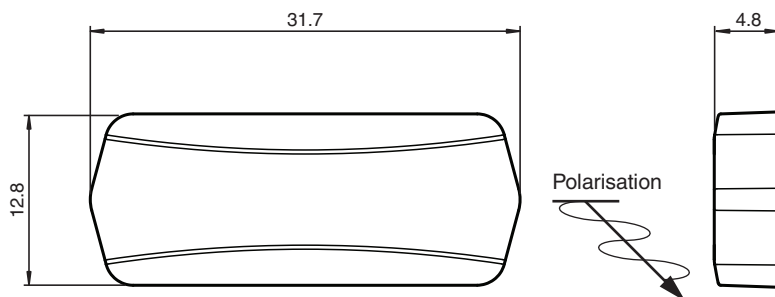
## IUC76-F203-M-FR2 10pcs



- Operating frequency 902 ... 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

|                               |                         |
|-------------------------------|-------------------------|
| <b>General specifications</b> |                         |
| Operating frequency           | 902 ... 928 MHz         |
| Polarization                  | linear                  |
| <b>Memory</b>                 |                         |
| 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                  | typical 100000 at 25 °C |
| Data retention period         | 50 years                |
| <b>Standard conformity</b>    |                         |
| Electromagnetic compatibility | EN 302208-2:2015 V2.1.1 |
| Degree of protection          | EN 60529:2000           |
| RFID                          | ISO/IEC 18000-63:2015   |

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

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## Technical Data

### Ambient conditions

|                     |                                 |
|---------------------|---------------------------------|
| Ambient temperature | -40 ... 85 °C (-40 ... 185 °F)  |
| Storage temperature | -40 ... 150 °C (-40 ... 302 °F) |

### Mechanical specifications

|                      |                          |
|----------------------|--------------------------|
| Degree of protection | IP68                     |
| Material             |                          |
| Housing              | PA 6                     |
| Installation         | Adhesive                 |
| On metal             | yes                      |
| Mass                 | 6 g                      |
| Construction type    | Rectangular type         |
| Note                 | Packaging unit, 10-piece |