



|                                |                             |   |                       |                 |
|--------------------------------|-----------------------------|---|-----------------------|-----------------|
| <b>P3 DT</b><br>Dual-Frequency | <b>UHF+NFC</b><br>Off Metal | 865-868 MHz + 13,56 MHz<br>18000-6C EPC Class 1 Gen2 + 14443A | <b>95x36x4</b>        | Screws/Rivets   |
| <i>Product Code</i>            | <i>Usable</i>               | <i>Frequency and ISO/IEC</i>                                  | <i>Dimensions mm.</i> | <i>Mounting</i> |

Dual-Frequency RFID tag, P3 Series, can be fixed with screws / rivets. RFID transponder UHF + NFC dual-frequency, made of very resistant rigid plastic, available in different versions, OFF Metal use. Inside there are 2 distinct UHF + NFC tags that can have the same electronic coding

Visible label customizable with barcode / QR / Logos - special packaging available also in single kit with adhesive labels with barcode corresponding to the tag.

**Typical Applications:** 0

**Services Available:** UHF and NFC chip encoding with the same encoding, label printing with logi, QR, Barcode. Special packaging

**Available IC/Chip:** Ucode-8, Monza 6/P - Ntag 213 / 216





Product Code

**P3 DT**

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## Versioni prodotto disponibili

**P3 DT-01**

UHF + NFC Double Frequency RFID tag, version made of ABS + PU resin, resistant -40 ° / + 80 ° C very resistant for industrial and outdoor use.

**P3 DT-02**

UHF + NFC Double Frequency RFID tag, version made of Nylon GF + PU resin, resistant -40 ° / + 100 ° C very resistant for industrial and outdoor use.

**P3 DT-11M**

UHF + NFC Double Frequency RFID tag, version made of PP GF + TPE, resistant -40 ° / + 100 ° C very resistant to chemicals

## Available versions and technical features

| Product Code:           | P3 DT-01                            | P3 DT-02                   | P3 DT-11M                  |  |  |
|-------------------------|-------------------------------------|----------------------------|----------------------------|--|--|
| Frequency               | 865-868 MHz +<br>13,56 MHz          | 865-868 MHz +<br>13,56 MHz | 865-868 MHz +<br>13,56 MHz |  |  |
| Protocoll ISO UHF       | 18000-6C Gen2<br>14443A             | 18000-6C Gen2<br>14443A    | 18000-6C Gen2<br>14443A    |  |  |
| IC/Chip                 | Mz6/P + Ntag 213                    | Mz6/P + Ntag 213           | Mz6/P + Ntag 213           |  |  |
| EPC UHF                 | 128 bits                            | 128 bits                   | 129 bits                   |  |  |
| User Memory UHF         | 0 bits                              | 0 bits                     | 0 bits                     |  |  |
| UID NFC                 | 7 Byte                              | 7 Byte                     | 7 Byte                     |  |  |
| User Memory NFC         | 144 Byte                            | 144 Byte                   | 144 Byte                   |  |  |
| Distanza di lettura (1) | Up to 4,0 mt                        | Up to 4,0 mt               | Up to 4,0 mt               |  |  |
| Opzionale Chip:         | Ucode-8, Monza 6/P - Ntag 213 / 216 |                            |                            |  |  |
| Product certifications  | RoHS compliant                      |                            |                            |  |  |
| Housing Material        | ABS + PU resin                      | ASA + PU Resin             | PP + TPE                   |  |  |
| Weight grams            | 12,0                                | 12,0                       | 12,0                       |  |  |
| Standard Colors         | RAL 7016 Medium<br>Grey             | RAL 5002 Medium<br>Blue    | RAL 7016 Medium<br>Grey    |  |  |
| IP Class Protection     | IP68                                | IP68                       | IP68                       |  |  |
| Operating Temp. C°(2)   | -40/+80 C°                          | -40/+80 C°                 | -40/+80 C°                 |  |  |
| Storage Temp. C° (3)    | -40/+80 C°                          | -40/+80 C°                 | -40/+95 C°                 |  |  |
| Chemical resistance     | <b>A</b>                            | <b>B</b>                   |                            |  |  |

(1) With reader 2W ERP - (2) Continuous use - (3) For a short time

| Category | Chemical resistance of housing  |
|----------|---|
| <b>A</b> | RESISTANT: Water, salt, UV rays (not prolonged), acids (conc. <10%: hydrochloric, sulfuric, tartaric), basic (conc. <10%: ammonia, caustic soda, hydr. Potassium), mineral oils.  |
| <b>B</b> | RESISTANT: Water, salt, UV rays (even prolonged), acids (conc. <10%: hydrochloric, sulfuric, tartaric), basic (conc. <10%: ammonia, caustic soda, hydr. Potassium), mineral oils. |
| <b>T</b> |   |
| <b>T</b> |   |

To check the chemical resistance of the polymers in your process, we recommend that you always carry out a preliminary test with several samples.  
Download from our website the document "CHEMICAL RESISTANCE of POLYMERS" or contact our offices for more information.


**RFid Tag Manufacturer**  
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