

# BeaCon

## SMART TAG

### Beacon

**PART ID:**  
**4928**

That NFC & Bluetooth low energy beacon can be used in applications like event management, people tracking, hospitals, extended access control in combination with micro-payment capabilities by using the AES 128bit crypto features. NFC can be used e.g. for beacon parametrization, registration and check-in and the BLE for people flow management. The NFC interface offers a 64kB memory file system enabling new features like hosting an employee pictures and personal data, close loop micro-payment applications for vending machines, access right zones/areas and others.

### Main Specifications

|                       |                                              |
|-----------------------|----------------------------------------------|
| Frequencies           | LF HF UHF                                    |
| Material              | ABS                                          |
| Operating Temperature | -35°C to 50°C                                |
| IP Class              | IP20                                         |
| Compliance            | RoHs & Reach, CE                             |
| Key Features          | Compact Design, Eddystone, Location Accuracy |
| Options               | Silk Screen, Offset Print                    |



### Full Specifications

|                  |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |
|------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Product ID       | 4928                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |
| Name             | BeaCon                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |
| Material         | ABS                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |
| Shape            | BLE Beacon                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |
| Long Description | That NFC & Bluetooth low energy beacon can be used in applications like event management, people tracking, hospitals, extended access control in combination with micro-payment capabilities by using the AES 128bit crypto features. NFC can be used e.g. for beacon parametrization, registration and check-in and the BLE for people flow management. The NFC interface offers a 64kB memory file system enabling new features like hosting an employee pictures and personal data, close loop micro-payment applications for vending machines, access right zones/areas and others. |
| Key Features     | Compact Design, Eddystone, Location Accuracy                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |
| Options          | Silk Screen, Offset Print                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |
| Article Type     | Beacon                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |

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|                            |                          |
|----------------------------|--------------------------|
| Length [mm]                | 85.6                     |
| Width [mm]                 | 54                       |
| Thickness [mm]             | 3                        |
| Operating Temp °C (min)    | -35                      |
| Operating Temp °C (max)    | 50                       |
| Storage Temp °C (min)      | -35                      |
| Storage Temp °C (max)      | 50                       |
| IP Class                   | IP20                     |
| Compliance                 | RoHs & Reach, CE         |
| Battery                    | CR2016                   |
| Bluetooth Type             | Bluetooth Low Energy 4.2 |
| Bluetooth Sensitivity      | -97dBm                   |
| Bluetooth Max Power Output | +5dBm                    |
| Sensors                    | Accelerometer            |
| NFC and RFID Integration   | Yes                      |
| Internal Flash Memory      | 64kB                     |

## VARIANTS

| ID             | Variant                |
|----------------|------------------------|
| 4928-01-000-00 | 85.5x54x3mm white Card |