

# SAAT-E222A

Buried LF Activator

SAAT-E222A low frequency activator is an important component in active RFID system. SAAT-E222A sends LF signal to the standby status wake-up RFID tag and activates it. SAAT-E222A can activate the tags around it like a round area. With the help of Active RFID reader, LF Activator and LF & Active Wake-up RFID tag, this combination can realize the regional location and detect direction of movement. At the same time, the wake-up tag has longer battery life.



## Applications

SAAT-E222A can be applied in the following Active RFID systems:

- Personnel Locating
- Asset Management
- Vehicle Management

## Specifications

| RF Parameters                       |                                     |
|-------------------------------------|-------------------------------------|
| Operating Frequency                 | 125KHz±1KHz                         |
| Modulation Type                     | OOK                                 |
| Encoding/Decoding                   | Manchester                          |
| Tag Activating Area                 | < 4m (Activating radius adjustable) |
| Antenna                             | Built-in Biaxial                    |
| Working Indicator                   | LED                                 |
| Communication Interface             | RS-485                              |
| Mechanical & Electrical performance |                                     |
| Dimensions                          | Φ180mm×60mm                         |
| Weight                              | 1414g                               |
| Working Voltage                     | DC 12V                              |
| Power Consumption                   | 18W                                 |
| IP Rating                           | IP67                                |
| Operating Temperature               | -40°C ~ +85°C                       |
| Storage Temperature                 | -60°C ~ +85°C                       |