

# FM-Pro3 and iButton connection manual

## with/without buzzer

### 1. Connecting FM-Pro3 and iButton with/without buzzer.

1.1. iButton (DS1990A) should be connected to the FM-Pro3 device 12 pin connection as follows:

GND – Pin2 (CHASSIS) (or Pin12 (CHASSIS) optionally)

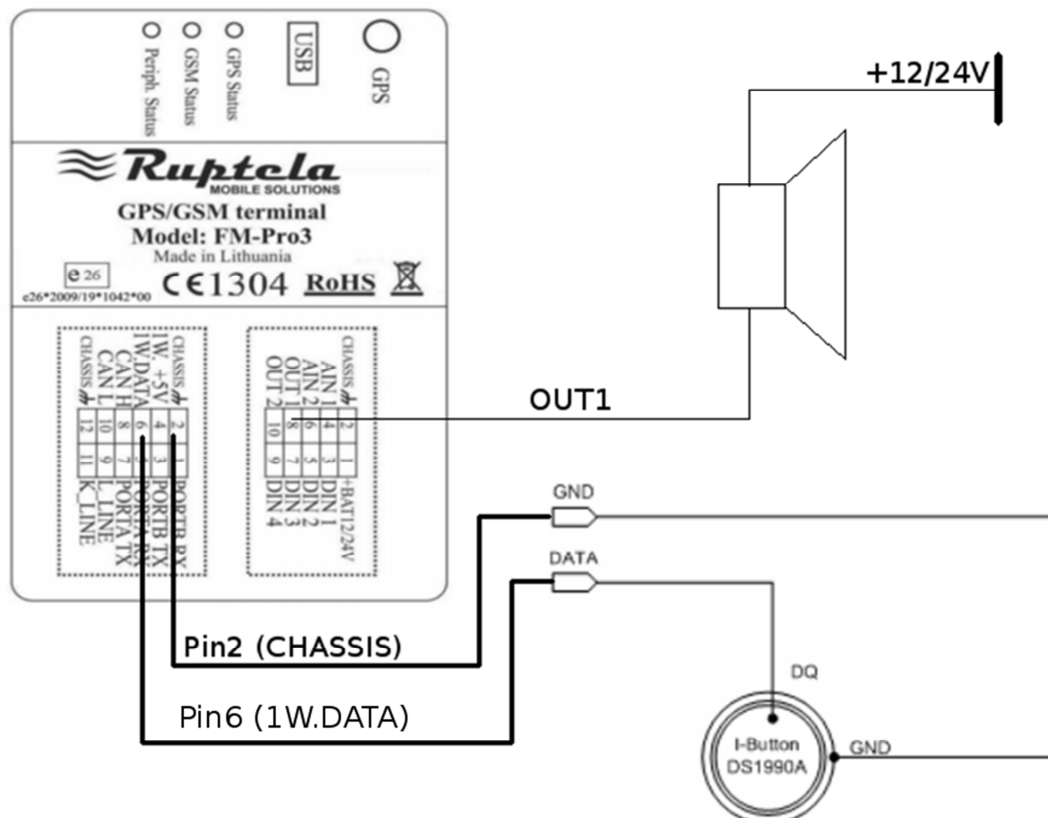
DQ – Pin6 (1W. DATA)

1.2. Buzzer should be connected to the FM-Pro3 device 10 pin connection :

One wire – Pin8 (OUT1)

Another wire – Battery (+12/24V)

Please see the picture below :

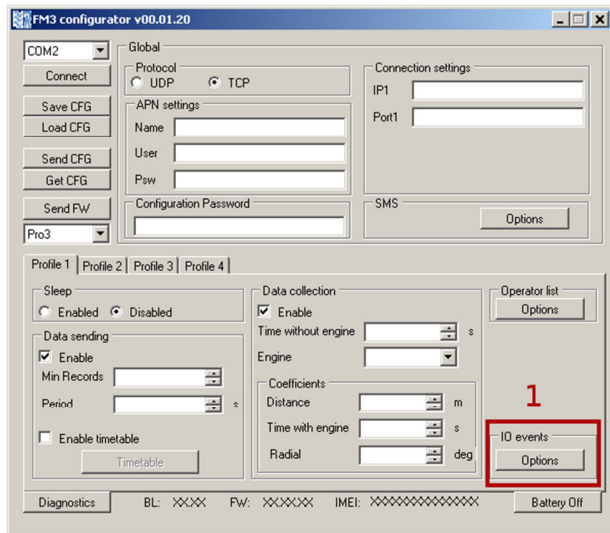


Picture 1. FM-Pro3, iButton and buzzer connection scheme

## 2. iButton configuration settings in FM3 Configurator

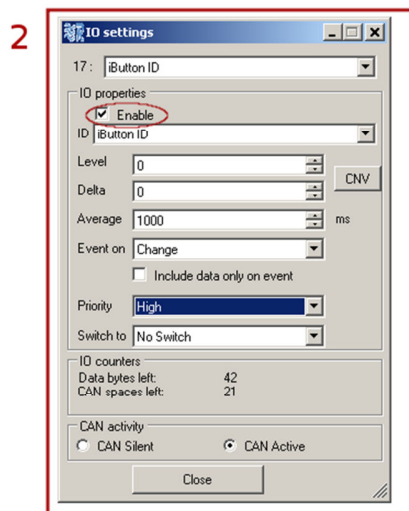
### 2.1 Open the FM3 Configurator

### 2.2 Click on the “Options” button in the “IO events” section ( marked “1” in the picture below)



Picture 2. IO events Options

### 2.3 In the Options menu, there should be the following settings, shown on the picture 3 below :



Picture 3. IO Settings

### 2.4 Please note, that for correct FM-Pro3 device working with iButton and with Buzzer, special FM-Pro3 Firmware is needed!

### 2.5 When connecting Ibutton without buzzer, then special FW is not necessary!