

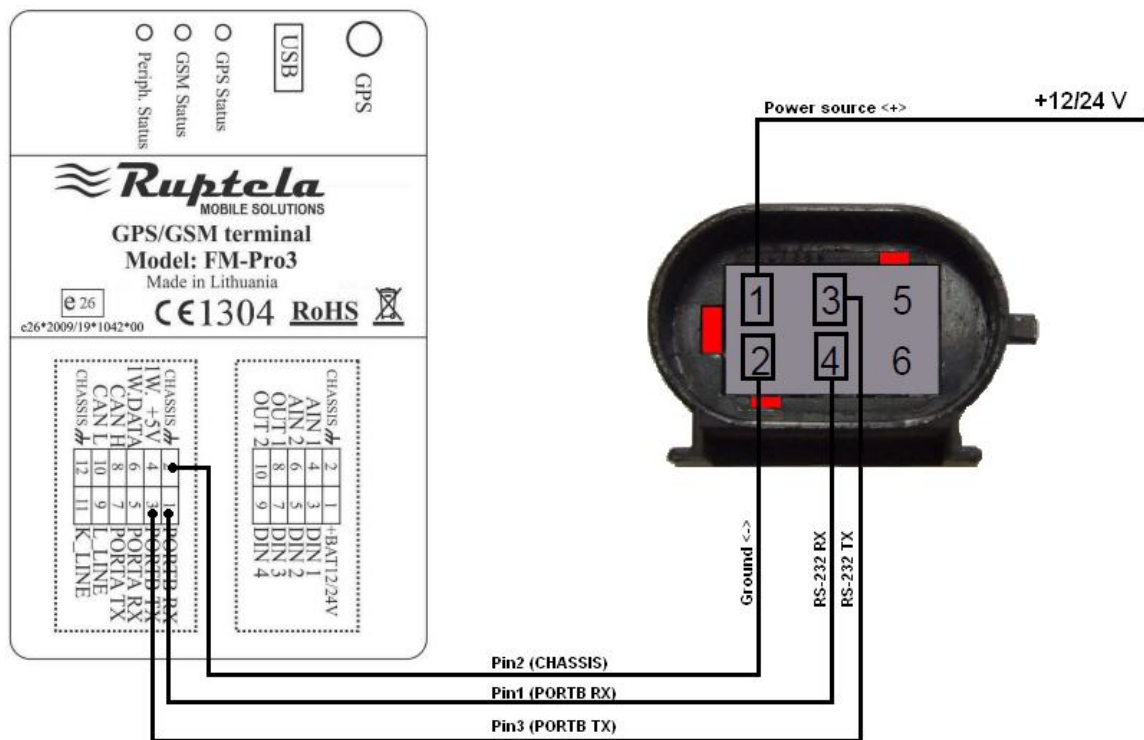
FM-Pro3 and LLS (Digital fuel level sensor) connection manual

1. Connecting LLS to FM-Pro3

1.1. LLS (model 20160) should be connected to the FM-Pro3 device 12 pin connection as follows:

LLS output wires	LLS output description	FM-Pro3
Brown (Output 1)	Power source «+»	Battery (+12/24V)
White (Output 2)	Ground «-»	Pin2 (CHASSIS) (or Pin12 (CHASSIS) optionally)
Pink (Output 3)	RS-232 “Tx”	Pin3 (PORTB TX) (or Pin7 (PORTA TX) optionally)
Grey (Output 4)	RS-232 “Rx”	Pin1 (PORTB RX) (or Pin5 (PORTA RX) optionally)
Orange-White (Output 5)	EIA-485 “Line A”	
Blue-White (Output 6)	EIA-485 “Line B”	

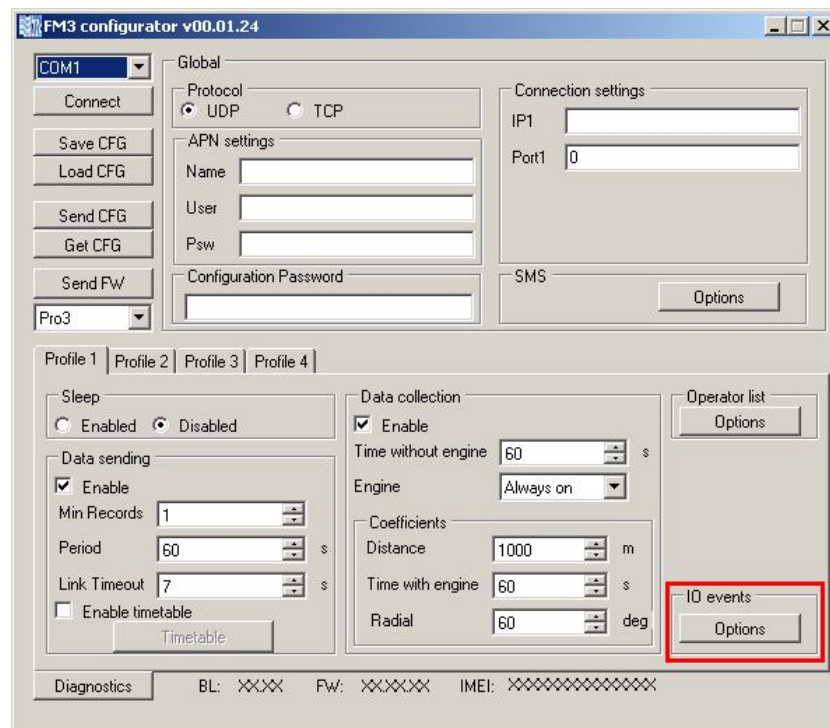
Please see the **Picture 1** below:



Picture 1. FM-Pro3 and LLS connection scheme

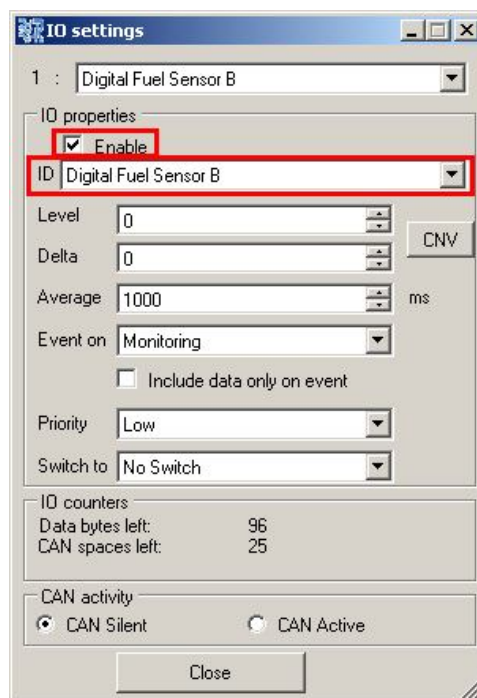
2. LLS configuration settings in FM Configurator

- 2.1. Open the FM3 Configurator;
- 2.2. Click on the “Options” button in the “IO events” section (see the **Picture 2** below);



Picture 2. FM3 Configurator IO events

- 2.3. In the Options menu, there should be the following settings, as shown in the **Picture 3** below (if LLS is connected to the PORTA pins, ID – “Digital Fuel Sensor A” in the IO settings must be chosen).



Picture 3. FM3 Configurator IO settings for LLS