

### Fuel Tank sensors for FM36X2

A fuel tank level sensor exists in most cars, which shows the approximate fuel level in the driver's indicator panel. It is possible to connect Analog input to FM3602/FM3612 (if sensor returns analogue signal proportional to fuel level). Figure 10 shows the connection scheme to the FM3602/FM3612 and fuel tank sensor through Analog input 1. After the connection to the tank fuel level sensor, calibration is needed. Calibration is needed because most fuel tank sensors are not linear. Calibration is performed by measuring voltage dependence on volume of fuel in tank.

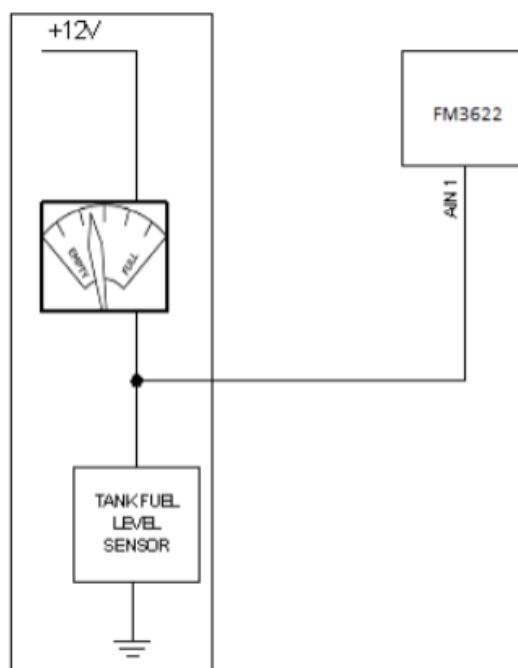


Figure 11. Fuel Tank sensor connection