

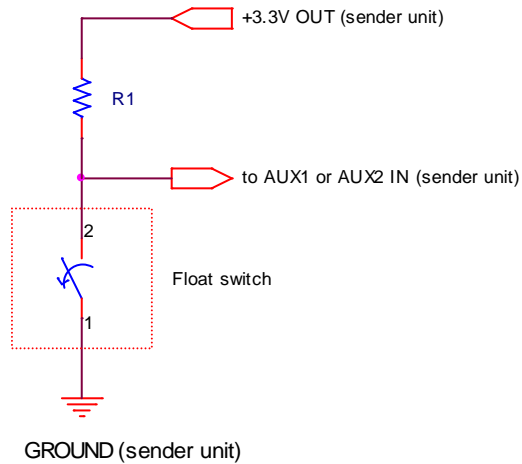
Connecting a fuel level detector

Revision 1

Overview:

A fuel level detector can be used to inform the user that the level of fuel is low. This is typically done by installing a float switch on the tank. This application note describes how to connect a float switch to the sender unit using either AUX1 or AUX2 input.

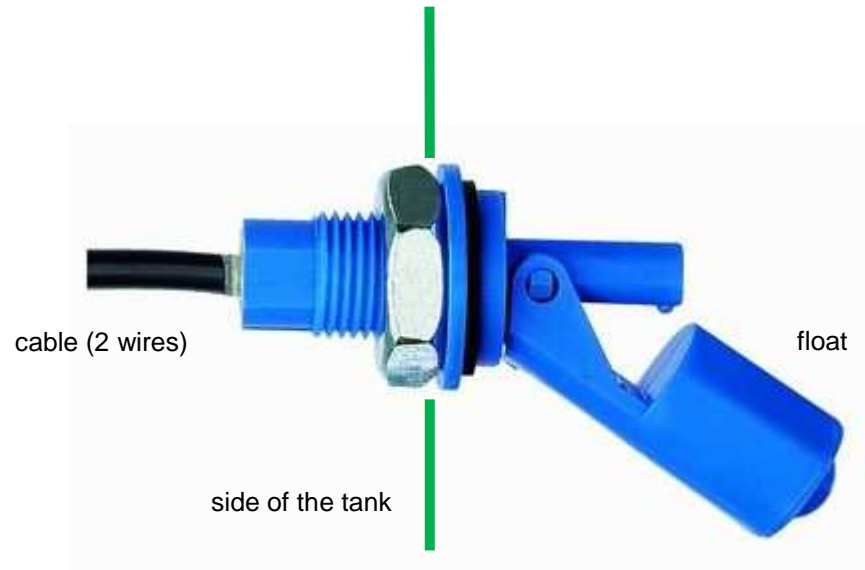
Wiring:



The resistor R1 is only needed if you use AUX1
The recommended value for R1 is 100 kilo Ohm (100 000 Ohm).

Selecting the float switch

Here is an example of a side mount float switch



The fuel level detector can be “normally open” or “normally closed” type.

Make sure the float switch is made of fuel resistant materials.

Side mount float switches are easier to install when the locking nut (piece of metal on the above picture) is outside the tank.