

FT-60 "Red Cube" Flow Transducer MGL Avionics Installation Notes



Please refer to the Electronics International FT-60 Instructions for all installation and technical considerations.

For MGL Avionics-specific installation, we have included this Quick Reference.

The EI manual lists the K-factor of the FT-60 at 68,000 pulses per Gallon. Since the MGL Avionics system uses a 'liters K-factor', this value has to be divided by 3.785 (Gallon/Liter ratio). Use the following in the setup:

K-Factor: 18,000
(Every FT-60 has the same K-factor)

The sender output is an "open collector" type, and has to be "pulled-up" to a voltage through a resistor. **There will be no signal generated at the output if the pull-up resistor is not installed.** Please wire as shown in the diagram and use the included 5K6 (5,600 ohm) pull-up resistor to apply 5V to the fuel flow signal input. Solder the resistor and secure it so that it will not come loose with vibration. In installations where 5V is not available, connect the pull-up resistor to +12V.

