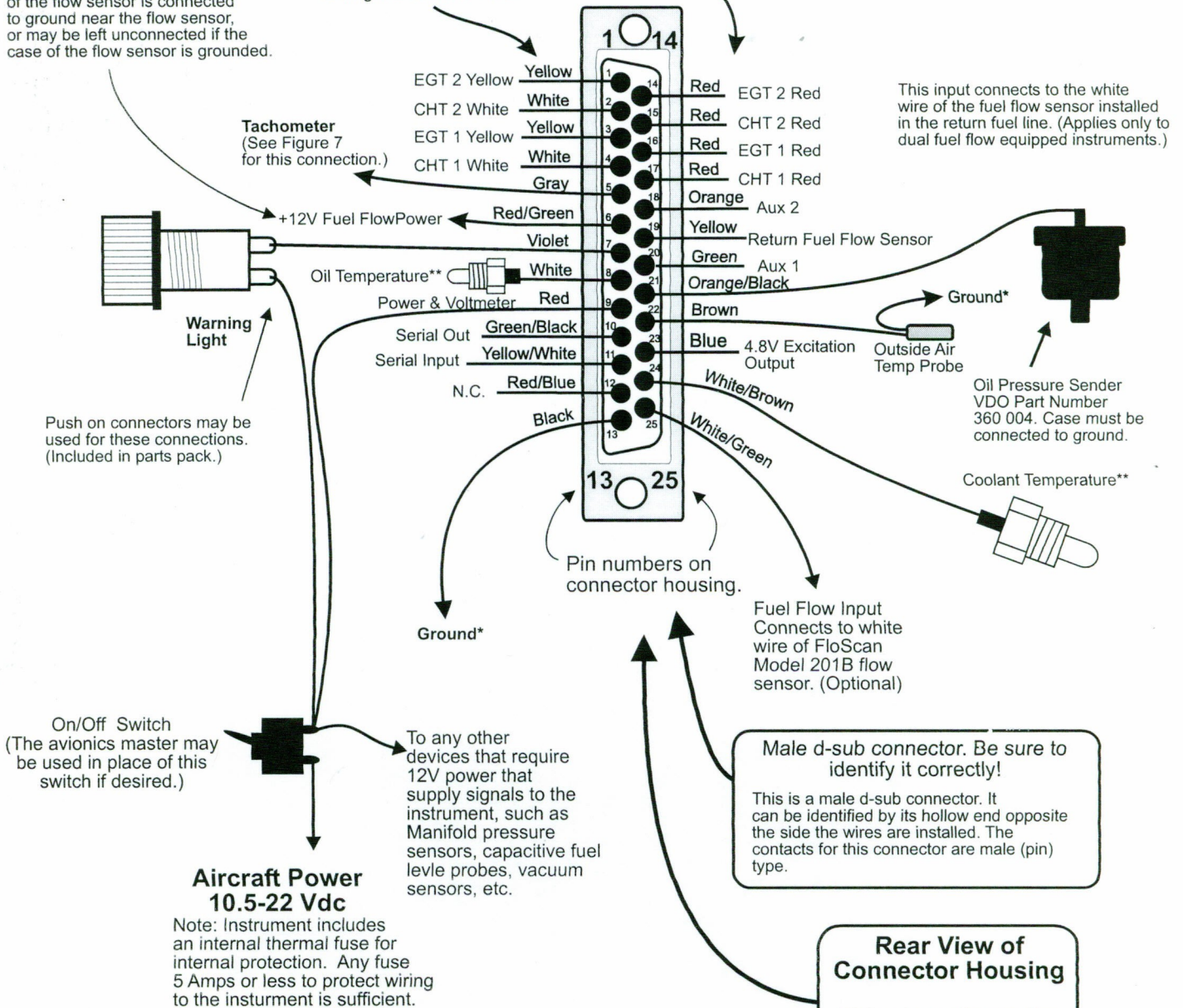


The Fuel FlowPower connects to the red wire of the FloScan fuel flow sensor(s). The black wire of the flow sensor is connected to ground near the flow sensor, or may be left unconnected if the case of the flow sensor is grounded.

The EGT and CHT inputs are twisted pairs of red & yellow and red & white respectively. EGT2 and CHT2 are marked with a black mark at the end opposite the connector to distinguish between 1 & 2.

This input connects to the white wire of the fuel flow sensor installed in the return fuel line. (Applies only to dual fuel flow equipped instruments.)



Push on connectors may be used for these connections. (Included in parts pack.)

On/Off Switch (The avionics master may be used in place of this switch if desired.)

Aircraft Power 10.5-22 Vdc

Note: Instrument includes an internal thermal fuse for internal protection. Any fuse 5 Amps or less to protect wiring to the instrument is sufficient.

Notes:

* To allow the most accuracy, this ground connection should be made at the same point where the instrument is ground wire is connected.

** For all except Advanced-A model instruments these sensors have a round "hat". A 1/4" female quick disconnect pushes on over this hat to make the electrical connection. For Advanced-A Medel 2000 Instruments, the oil temperature probe (and coolant temperature, if used) have 2 wire connections. Connect 1 wire (either) as shown, and the other wire to ground.

4.8V Sensor Excitation Output- Required for some uses of the auxiliary inputs.

The serial input and output connections are left open (not connected). The serial output may be used to record data to a laptop PC with the optional serial data

N.C. indicates No Connection. Do not wire to these inputs. They are reserved for future growth.

Male d-sub connector. Be sure to identify it correctly!
This is a male d-sub connector. It can be identified by its hollow end opposite the side the wires are installed. The contacts for this connector are male (pin) type.

Rear View of Connector Housing
This view shows the side of the connector housing that the wire are inserted into.

Figure 5 -- Connector A Wiring - Model 2000 for 4-Stroke Engines