

When two tach sources are available (such as one from each of 2 mags), wire one to each tach input. The EIS will use tach 1 if it is providing a signal, otherwise it will use tach 2.

4.8V Sensor Excitation Output-
May be needed for some uses
off the auxiliary inputs.

4.8V Excitation
Output

Tachometer - Input 2
(See Figure 7
for this connection.)

+12V Regulated Power
connect to red wire of
FloScan Model 201B flow
sensor.

Tachometer
(See Figure 7
for this connection.)

Fuel Flow Return
Connects to white wire of
Modle 201B flow Sensor.
(Dual Fuel Flow Option Only)



Warning
Light

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

Carb Temp
Power & Voltmeter

Carb Temp
Power & Voltmeter

TIT1 Input
(See Notes)

Audio Out
(to intercom)

Ground*



Fuel Flow Input
Connects to white
wire of FloScan
Model 201B flow
sensor. (Optional)

Ground* (The case of the
sensor provides a ground
connection for VDO type
sensors.)

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 instrumnet is sufficient.

Female d-sub connector. Be sure to
identify it correctly!

This is a female d-sub connector. It
can be identified by its solid end opposite
the side the wires are installed. The
contacts for this connector are female (socket)
type.

Rear View of
Connector Housing

This view shows the
side of the connector
housing that the wire
are inserted into.

Notes:

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

The Serial Input and Output should be left unconnected if not used.

TIT1 & TIT2 are active only if the Dual TIT input is specified. If this option is not specified, leave these inputs unconnected.

If the Dual TIT option is included, these inputs must be connected to an EGT (or TIT) probe. The cable will include a red and yellow twisted pair for each of these inputs. The wire color from the instrument must match the wire color on the probe. If a TIT input is not used, the red and yellow inputs must be shorted together.

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

**Figure 5a -- Connector A Wiring
for Model 4000/6000/9000**