



**Power Requirements**  
 9-30 Volts DC  
 0.050 Amps

Optional Magnetometer Input. (Connects to pin 9 (serial output) of the magnetometer.)

Pin numbering on connector housing. (Female 9-pin d-sub)

Serial Output from module. (Connects to any unused serial input of EFIS.)

**Notes:**

1. Mount the module to avoid water, fuel, and extreme heat, such as the output of the cabin heat. The sensor should not be mounted in the engine compartment. It may be mounted in any orientation.
2. Turn off power to the module when not in use to avoid discharging the aircraft's battery.
3. Power may be supplied via a fuse or breaker of 0.5 to 5 amps, and may share with the breaker used to power the EFIS display unit.
4. Set the serial input port to "GRT Air Data Module" and 19,200 baud. No serial data to the module is required, although magnetometer data can be passed through the module via the module serial port input.
5. Verify operation by noting the PFD is displaying baro-altitude (airspeed will be dashes when airspeed is less than 25 mph), and does not show "GPS" next to the altimeter display. If the "GPS" indicator is observed, no air data is being received. Check the serial data counter for the serial port used to see if it is counting (indicating data is present). If no data is present, verify power is being supplied to the module, and serial wiring is correct.
6. Altimeter corrections are provided in the EFIS set menu, altimeter calibration. If the EFIS was to be replaced, these correction must be re-entered, as they are stored withing the AHRS, internal to the EFIS.

# Remote Air Data Module

GRT Avionics, Inc