

A.1.1 Power

The following is a summary of the power operations for the GPS 175:

- Compatible with 14 VDC and 28 VDC aircraft electrical systems.
- Accepts input power from 9 VDC to 33 VDC.

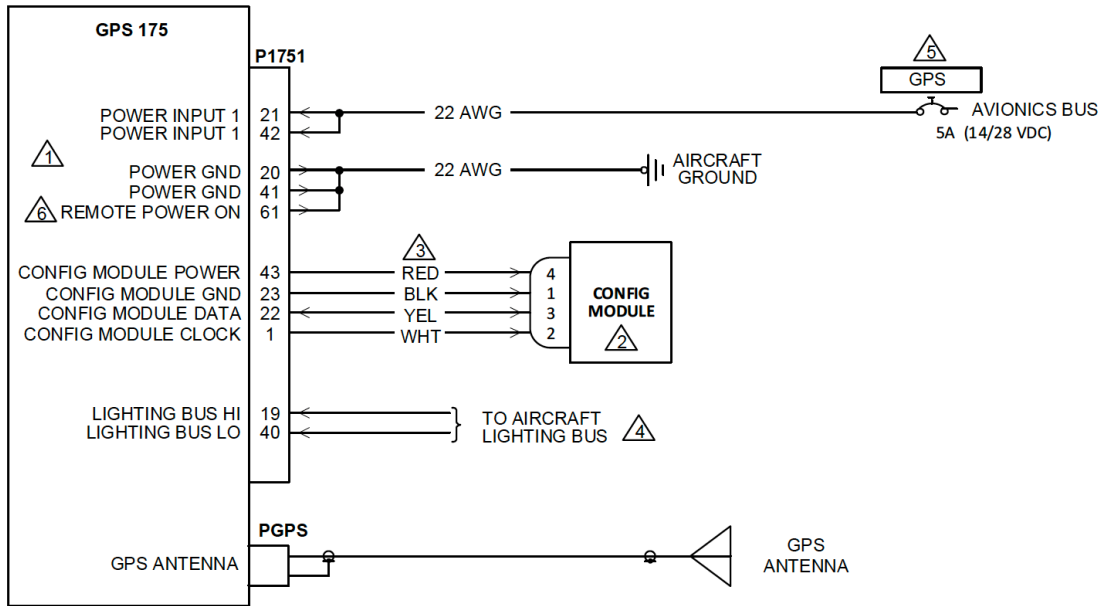
Table A-2 Power Pins

Pin Name	Connector #	Pin	I/O
POWER GND	J1751	20	----
POWER INPUT 1	J1751	21	IN
POWER GND	J1751	41	----
POWER INPUT 1	J1751	42	IN
REMOTE POWER ON*	J1751	61	IN

*Enables the power auto on feature - automatically powers the unit on when avionics master is turned on.

Table A-3 Power Control Function

POWER CONTROL	Description
Open	Auto on Disabled
Ground	Auto on Enabled



NOTES



1. ALL POWER LEADS AND GROUND LEADS ARE REQUIRED.



2. CONFIGURATION MODULE IS MOUNTED IN THE BACKSHELL OF THE P1001 CONNECTOR.



3. THE SUPPLIED CONFIGURATION MODULE HARNESS USES 28 AWG WIRES. USE THE CONTACTS SUPPLIED WITH CONFIGURATION MODULE.



4. OPTIONAL LIGHTING BUS CONNECTION (28 VDC, 14 VDC, 5VDC, OR 5 VAC). REFER TO APPENDIX SECTION A.1.2.



5. CIRCUIT BREAKER SHOULD BE LABELED AS: "GPS" OR IF INSTALLED WITH ANOTHER NAVIGATOR, "GPS 1" IF PRIMARY OR "GPS 2" IF SECONDARY.



6. REFER TO POWER CONTROL INPUT APPENDIX SECTION A.1.1.

Figure B-2 GPS 175 - Power Lighting Configuration Interconnect