

## **W&W TN72 GPS Receiver Harness Installation instructions:**

### **READ ALL INSTRUCTIONS BEFORE BEGINNING INSTALLATION.**

- 1) 'TN72 POWER': Cut this wire to length and connect it to a 1 AMP circuit breaker. Carefully strip the insulation at the end of the wire and crimp an appropriately sized ring terminal for connection.
- 2) 'TN72 GROUND': Cut this wire to length and attach to airframe or avionics ground. Use any appropriate method such as soldering or crimped ring terminal for attachment.
- 3) 'TN72 232 TX=BLU', 'TN72 232 RX=WH', TN72 232 LO=BLK':
- 4) This is a two conductor, shielded wire that connects to the transponder to provide GPS location information. A three wire connector is installed on this line. If it does not match the harness on your transponder, the mating connector has been provided to install on your existing harness, if desired. When assembling this, or any GPS data connectors, keep in mind the order of connection. i.e., The transmit wire (TX) from the TN72 must be joined to the receive (RX) wire from the transponder, and the receive (RX) wire from the TN72 (if used) must join the transmit (TX) wire from the transponder. Both 'LO' wires always join together.
- 5) Connect a coax antenna cable to the port on the TN72. If you power up the TN72 without an antenna connected, it will not damage the unit, but no location data will be generated.
- 6) Power up unit and proceed with programming the transponder using the transponder manufacturer's instructions.

Once all programming has been done, the TN72 and the transponder have been powered up, and the system has a view of the sky, GPS data will be transmitted to your transponder.

NOTE: These instructions only cover the installation of the TN72 harness. For all other instructions such as mechanical mounting, antenna mounting/connections, refer to the correct manufacturer's manual.

Fly and enjoy!