**Temperature Probe**
*(Standard P-110 EGT Probe Pictured)*

**Important Installation Information**

All steps **must** be read before installing a probe.

1. **Leave slack** in the cable to allow for engine movement and vibration.

2. **Do Not Overtighten.** Over time, tight wire wraps will cause the wire to break.

3. **P-110 ONLY:** Both clip rings must be on the **inside** of the hose clamp. The rubber band is used to hold the washer on during shipping.

4. The Type-K thermocouple wire's yellow and red insulation must be stripped 3/8" for proper overlap in the OLC-1 (Over-Lap Connector). Back out the set screw, insert wires into opposite ends (matching colors) so wire insulation is just inside the nylon housing and the ends of the wires are not exposed on the opposite side. Tighten the set screw until the set screw stops turning and the hex driver starts to flex (4-5 in-lbs). Tug on the wires (1-2 lbs) to insure proper connection.

**Drill 13/64" Hole** *(See II Manual)*
1. **Leave slack** in the cable to allow for engine movement and vibration.

2. **Do Not Overtighten.**
   Over time, tight wire wraps will cause the wire to break.

3. The slit in the ferrule must be placed perpendicular to the hose clamp band and the spring must be 3/8" back from the ferrule. If the probe is placed in a hole larger than 0.130", use a S.S. washer between the exhaust pipe and the ferrule.

4. The Type-K thermocouple wire's yellow and red insulation must be stripped 3/8" for proper overlap in the OLC-1 (Overlap Connector). Back out the set screw, insert wires into opposite ends (matching colors) so wire insulation is just inside the nylon housing and the ends of the wires are not exposed on the opposite side. Tighten the set screw until the set screw stops turning and the hex driver starts to flex (4-5 in-lbs). Tug on the wires (1-2 lbs) to insure proper connection.
Electronics International Inc. warrants this instrument and system components to be free from defects in materials and workmanship for a period of one year from the user invoice date. Electronics International Inc. will repair or replace any item under the terms of this Warranty provided the item is returned to the factory prepaid.

1. This Warranty shall not apply to any product that has been repaired or altered by any person other than Electronics International Inc., or that has been subjected to misuse, accident, incorrect wiring, negligence, improper or unprofessional assembly or improper installation by any person. **This warranty does not cover any reimbursement for any person’s time for installation, removal, assembly or repair.** Electronics International retains the right to determine the reason or cause for warranty repair.

2. This warranty does not extend to any machine, vehicle, boat, aircraft or any other device to which the Electronics International Inc. product may be connected, attached, interconnected or used in conjunction with in any way.

3. The obligation assumed by Electronics International Inc. under this warranty is limited to repair, replacement or refund of the product, at the sole discretion of Electronics International Inc.

4. Electronics International Inc. is not liable for expenses incurred by the customer or installer due to factory updates, modifications, improvements, upgrades, changes, or any other alterations to the product that may affect the form, fit, function or operation of the product.

5. Personal injury or property damage due to misinterpretation or lack of understanding this product is solely the pilot’s responsibility. The pilot must understand the operation of this product before flying the aircraft. Do not allow anyone to operate the aircraft that does not know the operation of this product. Keep the Operating Manual in the aircraft at all times.

6. E. I. Inc. is not responsible for shipping charges or damages incurred under this Warranty.

7. No representative is authorized to assume any other liability for Electronics International Inc. in connection with the sale of Electronics International Inc. products.

8. **If you do not agree to and accept the terms of this warranty, you may return the product for a refund.**

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Remote Switch Wiring Diagram
RS-4-1, RS-4-2, RS-6-1 and RS-6-2

From the back of the RS-6-2 and RS-4-2 there are two groups of the above wires. Connect one group to the EGT Probes (or left channel for a twin installation) and connect the other group to the CHT (or right channel for a twin installation).
Remote Switch Wiring Diagram

RS-8-1 and RS-12-1

RS-8-1

16-Pin Connector

P16 (Yel), P15 (Red)
P2 (Yel), P1 (Red)
P4 (Yel), P3 (Red)
P6 (Yel), P5 (Red)
P8 (Yel), P7 (Red)
P10 (Yel), P9 (Red)
P12 (Yel), P11 (Red)

9-Pin Connector

P2 (Yel), P1 (Red)
P4 (Yel), P3 (Red)

RS-12-1

16-Pin Connector

P16 (Yel), P15 (Red)
P2 (Yel), P1 (Red)