



Replace the defect PT100 Sensor

**Does this solve the problem?**

- 1] Yes
- 2] No
- 3] I don't know

- [Explanation](#)

**IN THE AN+12 CABINET:**

Check PT100 connections and tightness in AN+12 panel X02 connection 25 and 26.  
Also check the input in TOI U01 terminals 407 and 408

Use a multimeter set to read  $\Omega$  and measure the resistance across the leads of the PT100.

Use the resistance/temperature conversion chart to determine the actual measured value.

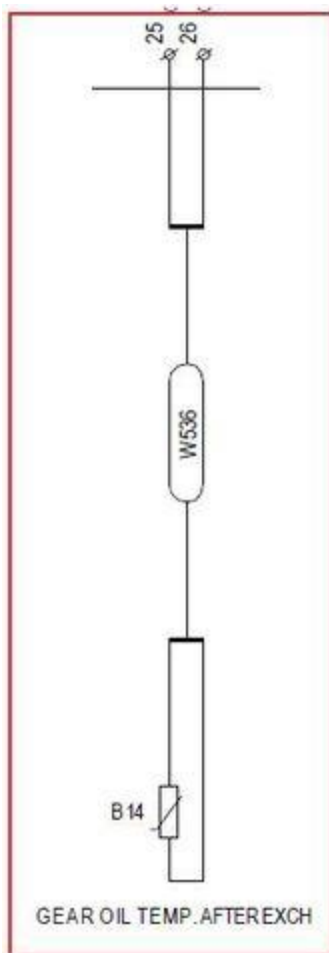
[0039-6203](#) - PT100 Resistance/Temperature chart

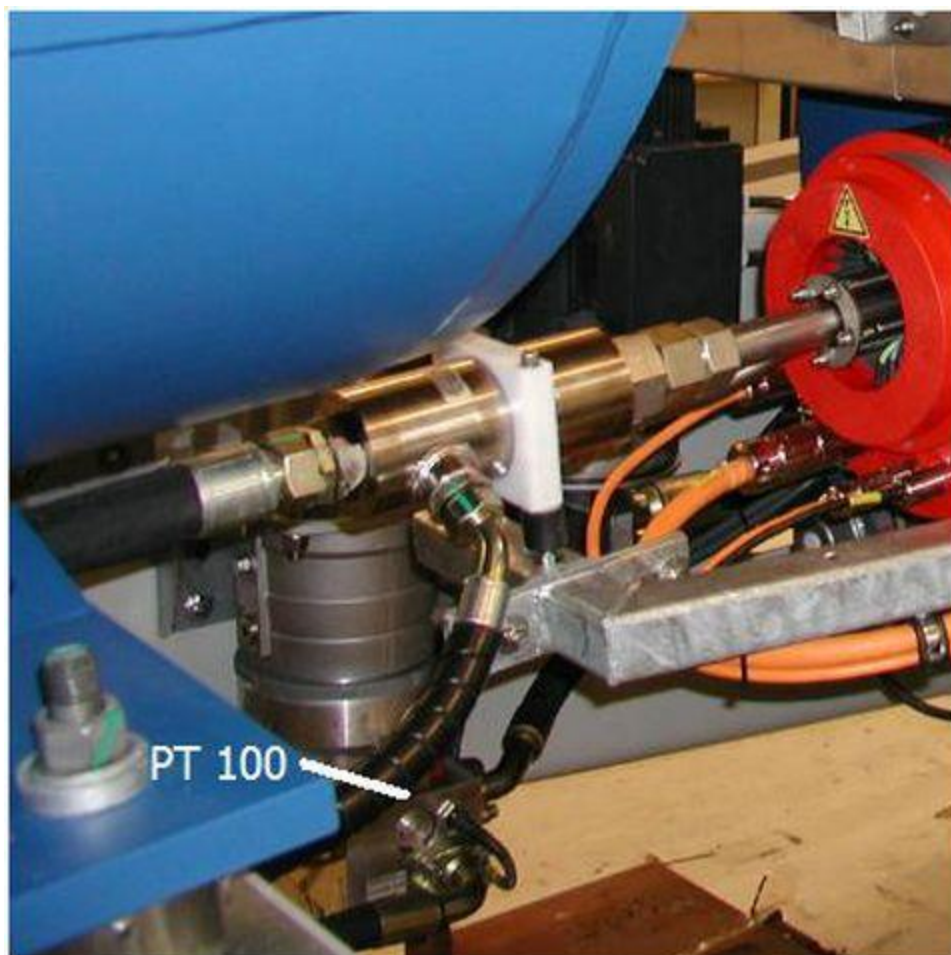
If the value matches that taken from the TAC Temperature menu, then the circuit is working as designed.

If the value is unreal (-40 to 200 °C), then the PT100 is faulty and must be replaced.

[60009281](#)      **PT100 180-4-7M Ø6x60mm**









Replace the defect Varistor

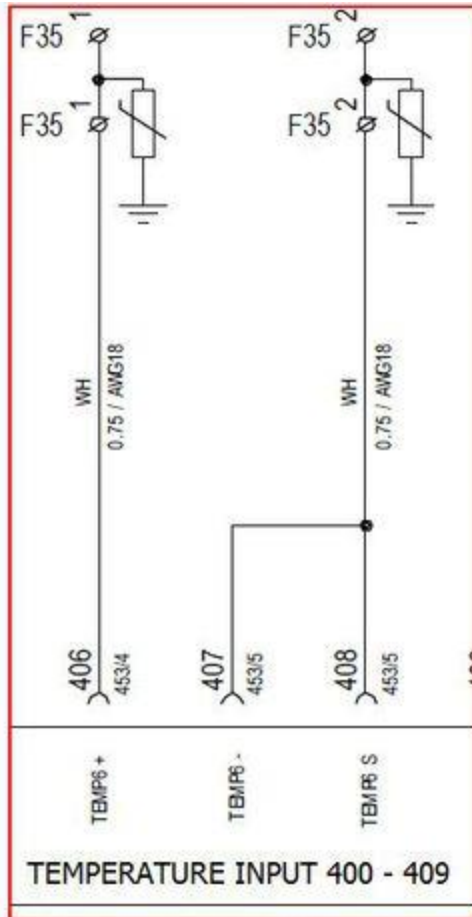
**Does this solve the problem?**

- 1] Yes
- 2] No
- 3] I don't know

- [Explanation](#)

#### IN THE AN1 CABINET:

Varistors (F35-Mk3 and above. F11 for Mk2 and below turbines) can be tested individually by placing a multimeter (set to measure  $\Omega$ ) lead on the common (earth) side of the varistors and the other on the individual varistor terminals. The resistance value over the varistor should be  $\infty$  or in the high M $\Omega$  range. If the resistance is lower, the varistor has been damaged by an over voltage in the circuit and must be replaced



GEAR OIL TEMPERATURE AFTER EXCHANGER



Item Number : [51706201](#) VARISTOR BOX X8

Varistor box F35 (F11 in Mk2 and below turbines):





The varistor box is made up of eight varistors and has provisions for 16 wire connections (protection for 8 signals)

882 - Pt100 fault gear oil exchanger NM72 NM82 V82 Mk1-5\_



Replace the defective TOI

**Does this solve the problem?**

- 1] Yes
- 2] No
- 3] I don't know

- [Explanation](#)

#### IN THE AN1 CABINET:

If the value does not match that taken from the TAC Temperature menu, then the cause is likely a faulty nacelle TOI (check other panel temperature alarms, as these will likely be affected as well).

Item Number: [51701601](#) - TOI-II INTERF EXT POC

