## Replace the PT100 sensor

**Does this solve the problem?**

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

- **Explanation**

Note the Hub panel temperature reading in the TAC Controller.

Remove the PT100 wire connections from terminals X20 71 & 72.

Use a multimeter to measure resistance across the wires, convert the resistance in Ohms to °c using the PT100 Temperature chart (DMS: 0039-6203).

Compare the value to that taken from the turbine controller.

PT100 sensor (item no. 60009279)

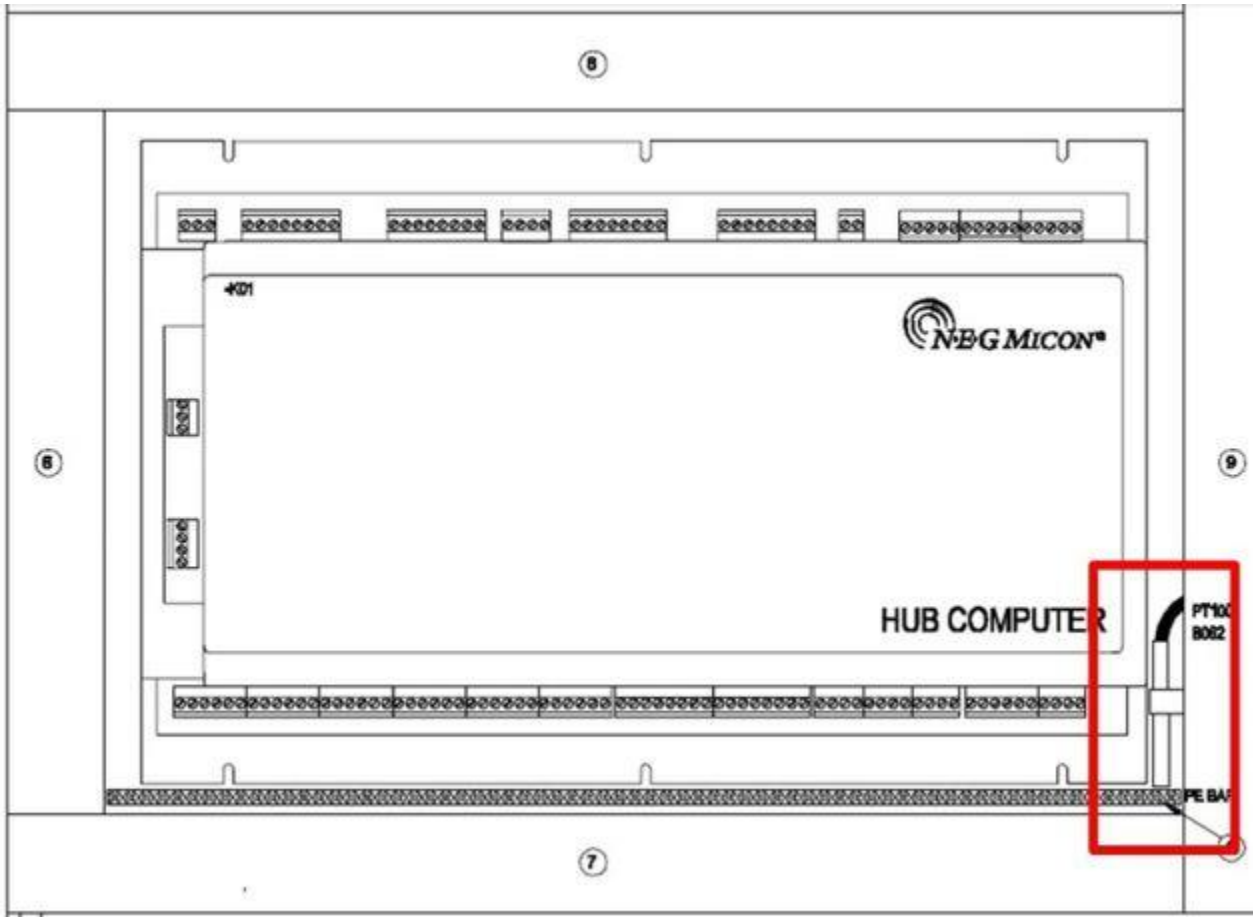
## Tighten the connection

**Does this solve the problem?**

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

- **Explanation**

Check that the PT100 for the AK4 panel is secure in its original position:




Check the PT100 cable (W929) for damage.

Check that the W929 terminations are tightened (Terminal X20 71 & 72).

## Replace PT100

**Does this solve the problem?**

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

- **Explanation**

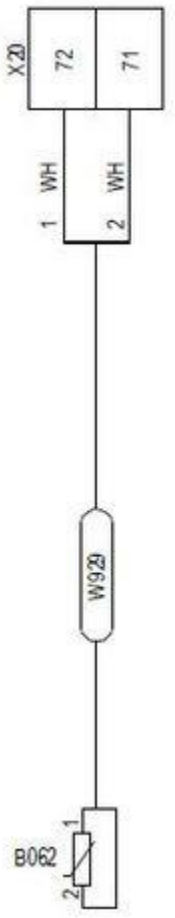
Check that the PT100 measurement is accurate.

If the sensor is suspected to be reading inaccurately, check the resistance of the PT100.

Disconnect the wires of the Pt100 sensor from terminals 71 &72 in AK4.

Measure the resistance of the PT100 across the leads.

Using the PT100 Ohm-Temp chart, determine if the sensor is operating within range.




## Replace Hub computer

**Does this solve the problem?**

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

- **Explanation**

If all of the temperature readings in the hub are sporadic i.e. Pitch Oil Temp, Hub Panel Temp, Accumulator Temp, then the issue is likely caused by a malfunction in the hub computer.

Remove all connections and replace the hub computer. (Hub computer panel 501701801)

If the hub computer is replaced, blade calibration will need to be performed. Reference the commissioning manual for guidance on blade calibration 0000-9776.