

Troubleshoot/Replace PT100  
**Does this solve the problem?**

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

- [Explanation](#)

In the temperature menu, note the Top Box temp.

Remove the wires from Top TOI (U01) temperature inputs 306, 307 & 308.

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.

[60009279](#) - PT100 18042M Ø6x60mm





Troubleshoot/replace Tower TOI

**Does this solve the problem?**

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

- **Explanation**

If the value does not match that taken from the TAC Temperature menu, then the cause is likely a faulty Tower TOI.

[51701501](#)- TOIII INTERF NM1500 TOWER