TIP TEMPerature Products
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# 765 Calibration Procedure

The JENDPM008 Panel Thermometer is factory calibrated and should not require adjustment. If however your combination of meter and "J" or "K" thermocouple or RTD / Pt-100 sensor are not exactly displaying the proper temperature you can use small adjustments to calibrate them to read the correct temperature.

**NEVER ADJUST the potentiometer, (s), visible from the rear of the meter.**

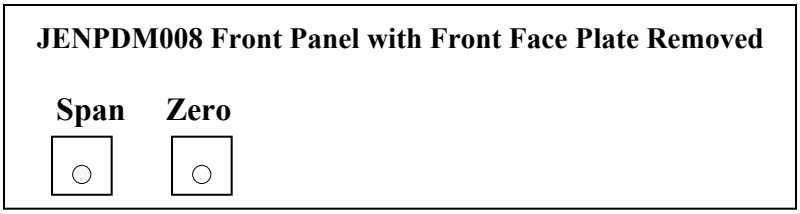
**To adjust the JENDPM008 temperature indicator remove the front plastic faceplate.**
You can do this by using a thumb nail or small flat tip device like a screw driver to bow the panel outward and the faceplate will pop off.

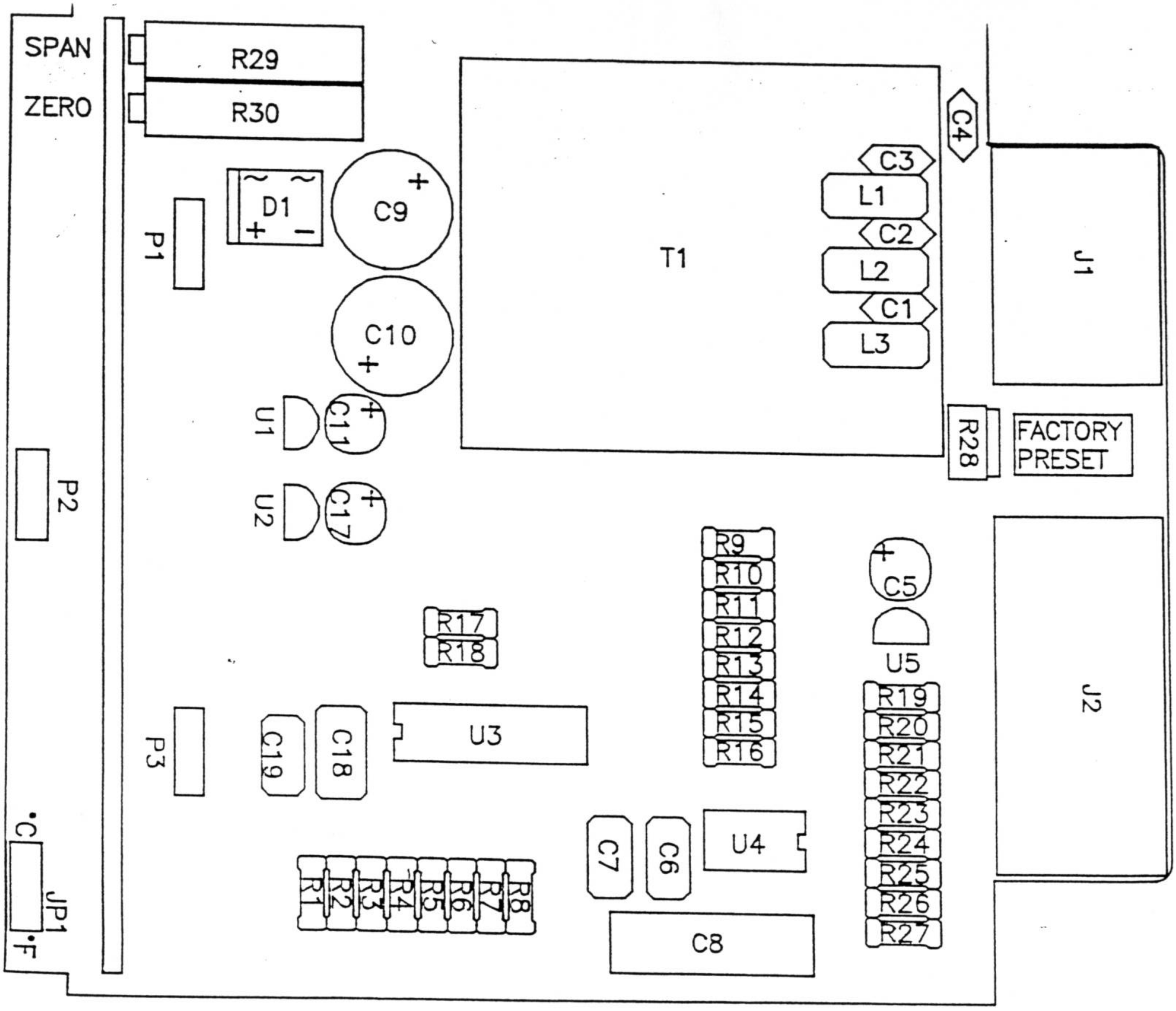
On the left of the front panel you will see two adjustment potentiometers. The one on the extreme left is for adjustment of the high temperature and is marked SPAN / R-29 on the schematic. The potentiometer on its' right or inboard of it is marked ZERO / R-30 on the schematic and is for the 32.0 degree F / 0.0 degree C adjustment.

These potentiometers should not require more then a ¼ turn to ½ turn adjustment one way or the other. It is recommended that the temperature sensor be brought to 32.0 F / 0.0 C by an Ice Cell or solution of freezing water and the ZERO point adjustment be adjusted first.

If the reading of your JENDPM008 panel thermometer and sensor does not now read correctly at higher temperatures you may adjust the High Point / SPAN potentiometer at your high temperature or place the sensor in boiling water and adjust the reading to 212 degree F / 100 degrees C.
Note: It will be necessary to go back and forth several times between the Low and High temperatures to correctly adjust the meter.

If you wish you may also return your instrument to TIP TEMPerature Product at the address listed above for recalibration. Please note if you damage your instrument while recalibrating it or if it is under warranty and you attempt to recalibrate it the warranty may be voided and you might be charged for any necessary repair or recalibration.




SPAN
ZERO
R29
R30
D1
C9
P1
T1
C4
C3
L1
C2
L2
C1
L3
J1
C10
U1
C11
R28
FACTORY
PRESET
P2
U2
C17
R9
R10
R11
R12
R13
R14
R15
R16
C5
U5
R17
R18
R19
R20
R21
R22
R23
R24
R25
R26
R27
J2
U3
P3
C19
C18
C7
C6
U4
R8
R7
R6
R5
R4
R3
R2
R1
C8
•C
JP1
•F