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12-001

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VERIFYING NO_y THERMOCOUPLE TYPE SETTING

I. PURPOSE:

This procedure will identify what your NO_y thermocouple type set point is and how to change it if it is incorrect. This applies only to the newer style controller in the M200EU/T200U NO_y analyzers. If the thermocouple is set incorrectly you may have lower converter efficiencies at higher levels of NO_y.

II. TOOLS:

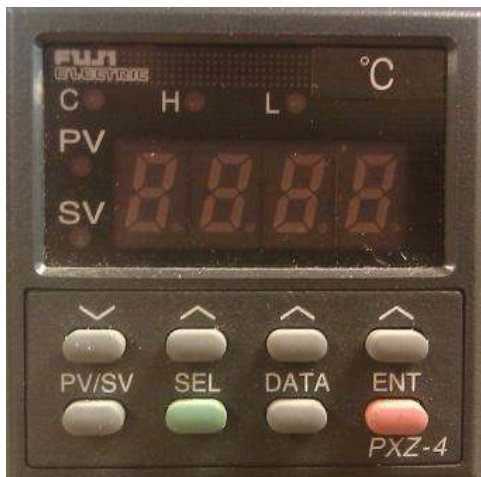
None

III. PARTS:

None

IV. PROCEDURE:

1. First verify that you have the NEW style temperature controller. See pictures below. If you have the OLD style, you do not need to check your M501y pump pack. If you have the NEW style, proceed to step 2.



OLD



NEW

Verifying NO_y Thermocouple Type Setting
12-001 Rev A (DCN 6369) Approval date here
Page 1 of 2

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2. Verify the current Thermocouple set point in your controller by following the steps below.
 - a) Press and hold the SEL key for three seconds. *P* will be displayed on the PV display.
 - b) Press the key until the controller displays *P-n2*
 - c) Press the SEL key once. The current setting will flash on the SV display.
 - d) This should be set for 2, if not press the or buttons until it reads 2. This will set the controller for the correct "Type J" thermocouple.
 - e) Press the SEL key once. The number 2 will stop flashing and will be the new point for *P-n2*
 - f) Press and hold the SEL for two seconds to go back to the normal temperature display

Verifying NOy Thermocouple Type Setting
12-001 Rev ___A___ (DCN 6369) Approval date here
Page 2 of 2
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