

Supplement

Title: 714 Inst.Sht. Supplement Issue: 3
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This supplement contains information necessary to ensure the accuracy of the document described above.



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Change #1

In the **Thermocouple Properties** table, change the **R**, **S**, and **B Display Resolution**:





From: 1°C or °F

To: 0.1°C or °F

Following **Turning the Calibrator On**, add the following sections:



Auto Shut-Off (Power Saver)





The Calibrator automatically turns off after 30 minutes of inactivity. To reduce the time or disable this feature:









1. With the Calibrator OFF, press . P.S.xx is displayed, where xx is the turn-off time in minutes. OFF means the power saver is disabled.
2. Press  and/or  to increase or decrease the turn off time in minutes.
3. To disable, press  until the display shows OFF.

Span Check


The calibrator allows you to store 0% and 100% setpoints for each output type. Once setpoints are stored, the span check feature allows you to quickly toggle back and forth from 0% to 100% or to step in 25% increments.

Automatic step and ramp modes can be enabled while in span check mode by simultaneously pressing the   keys. First select the desired output range, then proceed to store the setpoints:

1. Use  or  and/or  or  to set the output to the desired value for 0%.

2. Press  and  simultaneously to store the 0% value.
3. Use  or  and/or  or  to set the output to the desired value for 100%.
4. Press  and  simultaneously to store the 100% value.

Disable Cold Junction Compensation (CJC)

It is possible to disable CJC by turning the 714 off, then turning it on again while depressing the . The LCD will display CJC OFF to indicate CJC is disabled. CJC will default to enabled when power is applied.

Under **Replacing the Fuse**, delete the entire section and the corresponding figure.

Under **Replacement Parts and Accessories**, delete the F1 row and under MP86 change the part number,

From: 620168

To: 2397526

Remove the F1 Fuse from the replacement parts illustration.

Under **Specifications**, replace the **Temperature Measure and Thermocouple Simulate** and **Millivolt Measure and Source** tables with the following:

Temperature Measure and Thermocouple Simulate

TC Type	Range °C	Accuracy °C *
J	-210.0 to 0.0	0.6
	0.0 to 800.0	0.4
	800.0 to 1200.0	0.5
K	-200.0 to 0.0	0.8
	0.0 to 1000.0	0.5
	1000.0 to 1372.0	0.7
T	-250.0 to 0.0	0.8
	0.0 to 400.0	0.4
E	-250.0 to -100.0	0.8
	-100.0 to 1000.0	0.4
R	-20.0 to 0.0	2.0
	0.0 to 1767.0	1.4
S	-20.0 to 0.0	2.0
	0.0 to 1767.0	1.4
B	600.0 to 800.0	1.4
	800.0 to 1000.0	1.5
	1000.0 to 1820.0	1.7
L	-200.0 to 0.0	0.45
	0.0 to 900.0	0.4
U	-200.0 to 0.0	0.7
	0.0 to 600.0	0.45

Maximum input voltage: 30V
 * includes 0.2°C cold junction compensation (CJC) error

Millivolt Measure and Source

Range	Resolution	Accuracy
-10 mV to 75 mV	.001 mV	0.015% ± 10 µV

Maximum input voltage: 30 V
 Maximum source current is 1.0 mA


Change #2

Under **General Specifications**, add the following:

Protection Class: Pollution Degree II

Change #3

On the third panel, under **International Symbols**, add the following:

 N10140	Conforms to Australian C-Tick directives
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