

Supplement

Title: 712 Inst.Sht. Supplement Issue: **6**
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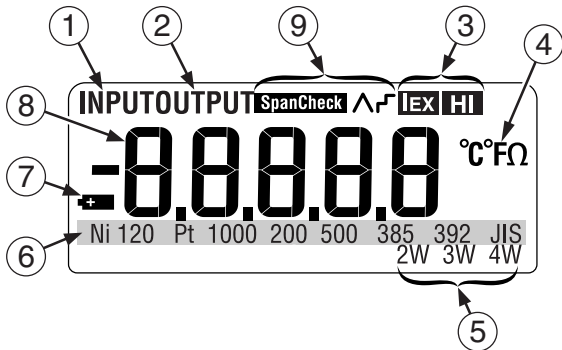
This supplement contains information necessary to ensure the accuracy of the document described above.



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Change #1, 47807

Under **Getting Acquainted with the Calibrator**, replace the figure with the following:



Under **Display Elements**, add the following to the table:

⑨ Span Check Step and Ramp	Lit when in Span Check, step and ramp modes
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Prior to **Simulating an RTD**, 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 \odot . P.S.xx is displayed, where xx is the turn-off time in minutes. OFF means the power saver is disabled.
2. Press \blacktriangle and/or \blacktriangledown 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 or . First select the desired output range, then proceed to store the setpoints:

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

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

Under **Replacement Parts and Accessories**, delete the F1, F2 row and under MP86 change the part number,

From: 620168

To: 2397526

Remove the F1 and F2 fuses from the replacement parts illustration.

Under **Specifications**, replace the **Ohms Specifications** table with the following two tables:

Ohms Measurement Specifications

Ohms Range	Accuracy *	
	4-Wire	2- and 3-wire
0 to 400 Ω	0.025 % \pm 0.05 Ω	0.025 % \pm 0.1 Ω
400 to 3200 Ω	0.025 % \pm 0.05 Ω	0.025 % \pm 0.55 Ω
Excitation current : 0.2 mA		
Maximum input voltage: 30 V		
*2-wire: Does not include lead resistance		
3-wire: Assumes matched leads		

Ohms Source Specifications

Ohms Range	Excitation Current from Measurement Device	Accuracy
0 to 400 Ω	0.1 to 0.5 mA	0.025% \pm 0.1 Ω
0 to 400 Ω	0.5 to 3.0 mA	0.025% \pm 0.05 Ω
400 to 1500 Ω	0.05 to 0.8 mA	0.025% \pm 0.5 Ω
1500 to 3200 Ω	0.05 to 0.4 mA	0.025% \pm 0.5 Ω

Under **RTD Specification**, replace the table with the following:

RTD Type	Range $^{\circ}\text{C}$	Accuracy $^{\circ}\text{C}$ *			Allowable Excitation mA
		Measure		Source	
		4-wire	2- and 3-wire		
Ni120	-80.0 to 260.0	0.20	0.25	0.2	0.1 to 3.0
Pt100 385	-200.0 to 100.0	0.20	0.28	0.2	0.1 to 3.0

	100.0 to 300.0	0.30	0.40	0.3	
	300.0 to 600.0	0.40	0.52	0.4	
	600.0 to 800.0	0.50	0.65	0.5	
Pt200 385	-200.0 to 100.0	0.80	1.00	0.8	0.05 to 0.8
	100.0 to 300.0	0.90	1.15	0.9	
	300.0 to 630.0	1.00	1.20	1.0	
Pt500 385	-200.0 to 100.0	0.40	0.60	0.4	0.05 to 0.8
	100.0 to 300.0	0.50	0.75	0.5	
	300.0 to 630.0	0.60	0.90	0.6	
Pt1000 385	-200.0 to 100.0	0.20	0.25	0.2	0.05 to 0.4
	100.0 to 300.0	0.30	0.40	0.3	
	300.0 to 630.0	0.40	0.52	0.4	
Pt100 3926	-200.0 to 100.0	0.20	0.28	0.2	0.1 to 3.0
	100.0 to 300.0	0.30	0.40	0.3	
	300.0 to 630.0	0.40	0.52	0.4	

Pt100 3916	-200.0 to 100.0	0.20	0.28	0.2	0.1 to 3.0
	100.0 to 300.0	0.30	0.40	0.3	
	300.0 to 630.0	0.40	0.52	0.4	

Addresses pulsed transmitters and PLC's with pulses as short as 5ms.
 Excitation current from 712: 0.2mA
 Maximum input voltage: 30V
 *2-wire: Does not include lead resistance
 3-wire: Assumes matched leads


Change #2

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

Protection Class: Pollution Degree II

Change #3

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

 N10140	Conforms to relative Australian standards.
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Change #4

In the **Replacement Parts and Accessories** table,

Change:

Test lead, red	688051	2
Test lead, black	688066	2

To:

Fluke-7XX Test Lead Set	3397308	2
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