Manual Supplement

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This supplement contains information necessary to ensure the accuracy of the above manual.

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Change #1 - 47207

Rev. -F, A2 Sensor PCA (792A-7602)

On page 6-22, Table 6-3,

CHANGE: C8,18,35,49-51,121|CAP,POLYES,0.22UF,+/-10%,50V|706028|68919|MKS1-224-K-50V|7

TO: C8,18,35,49-51,121|CAP,POLYES,0.22UF,+/-5%,50V|747519|68919|MKS1-224-K-50V|7

Change #2

On page 5-11, Figure 5-3, in the upper left corner, every terminal labeled + should be labeled - and every terminal labeled - should be labeled +.

Change #3

On page 1-7, Table 1-1, 1000V range, add the following in the 10Hz and 20Hz columns:

10 Hz: 900

20 Hz: 400

Change #4, 388

In the **SAFETY SUMMARY** section, add:

⚠⚠Warning

To prevent possible electrical shock, fire, or personal injury:

- **When using the 792A-7003 Transfer Switch, always connect the LO terminals before the HI terminals and disconnect the HI terminals before the LO terminals. Connecting an earth referenced voltage source to the HI terminals before the LO terminals will drive current through the input impedance of the selected range, the LO to GUARD clamp, and the GUARD to GROUND clamp to the chassis. If the protective earth connection is inadvertently removed, this will apply a voltage to the chassis that could cause electric shock or even death.**
- **Do not put the Power Pack where access to the mains power cord is blocked.**
- **Remove the input signals before you clean the 792A.**

On page 1-4, under SPECIFICATIONS, add:

In a radio frequency disturbance environment for field strengths >0.5 V/m but <1 V/m in the band of 80 MHz to 150 MHz, add 50 ppm to uncertainty. Uncertainty not specified in radio frequency disturbance environments >1 V/m in this band.

With Power Pack plugged into a mains outlet with a conducted rf disturbances on mains conductors >0.5 V but <1 V in the band of 150 kHz to 80 MHz, add 20 ppm to uncertainty. Uncertainty not specified for mains disturbances in excess of 1 V in this band.

On page 1-10, in Table 1-1 Specifications - General Specifications replace the Safety section with:

Safety: IEC 61010-1: Overvoltage Category II, Pollution Degree 1 (Controlled Environment)
IEC 61010-2-030: 250 V max, 200 mA max short circuit current; 1000 V with 1000 V Range Resistor

On page 1-10, in Table 1-1 Specifications - General Specifications replace the EMI/RFI section with:

Electromagnetic Compatibility (EMC)

International.....IEC 61326-1 Controlled EM environment; IEC 61326-2-1; CISPR 11, Group 1, Class A

Group 1 equipment has intentionally generated and/or use conductively coupled radio-frequency energy which is necessary for the internal functioning of the equipment itself.

Class A equipment is equipment suitable for use in all establishments other than domestic and those directly connected to a low voltage power supply network which supplies buildings used for domestic purposes.

Caution - There may be potential difficulties in ensuring electromagnetic compatibility in other environments, due to conducted and radiated disturbances.

USA (FCC) .....47 CFR 15 subpart B, this product is considered an exempt device per clause 15.103

Korea (KCC).....Class A Equipment (Industrial Broadcasting & Communication Equipment)

This product meets requirements for industrial (Class A) electromagnetic wave equipment and the seller or user should take notice of it. This equipment is intended for use in business environments and not to be used in homes.

If any disturbances in operation are observed, it is recommended that the front panel ground terminal (protective earth terminal) be connected to a known good earth ground with a low-inductance ground strap. Note that a mains power outlet supplying the Power Pack, while providing a suitable ground for protection against electric shock hazard, may not provide an adequate ground to properly drain away rf disturbances (conducted or radiated) and may in fact be the source of the disturbance. Further it is recommended to disconnect the mains power cord from the Power Pack when not charging. See USING THE POWER PACK, *Section 3-10.*

Change #5, 447

On page 1-1, add the following **Warnings**:

A **Warning** identifies conditions and procedures that are dangerous to the user.
A **Caution** identifies conditions and procedures that can cause damage to the Product or the equipment under test.

⚠⚠Warning

To prevent possible electrical shock, fire, or personal injury:

- **Read all safety information before you use the Product.**
- **Carefully read all instructions.**
- **Do not use the Product around explosive gas, vapor, or in damp or wet environments.**
- **Use this Product indoors only.**

- **Replace the mains power cord if the insulation is damaged or if the insulation shows signs of wear.**
- **Use only cables with correct voltage ratings.**
- **Do not use the Product if it is altered or damaged.**
- **Do not alter the Product and use only as specified, or the protection supplied by the Product can be compromised.**
- **Do not apply more than the rated voltage, between the terminals or between each terminal and earth ground.**
- **Use the correct terminals, function, and range for measurements.**
- **Do not touch voltages >30 V ac rms, 42 V ac peak, or 60 V dc.**
- **Do not use the Product above its rated frequency.**

On page 3-1, add the following **Warnings**:

⚠⚠Warning

To prevent possible electrical shock, fire, or personal injury:

- **Do not touch exposed metal on banana plugs, they can have voltages that could cause death.**
- **Do not put the Product where access to the mains power cord is blocked.**
- **Make sure that the Product is grounded before use.**

On page 5-1, add the following **Warnings**:

⚠⚠Warning

To prevent possible electrical shock, fire, or personal injury:

- **Use only specified replacement fuses.**
- **Replace a blown fuse with exact replacement only for continued protection against arc flash.**
- **Do not operate the Product with covers removed or the case open. Hazardous voltage exposure is possible.**
- **Disconnect the mains power cord before you remove the Product covers.**
- **Remove the input signals before you clean the Product.**

On the **Safety Summary** page, remove the 1st and 2nd sections.

On the **Safety Summary** page, replace the 3rd section, **Symbols Marked on Equipment** with:

	WARNING. RISK OF DANGER.
	WARNING. HAZARDOUS VOLTAGE. Risk of electric shock.
	Consult user documentation.
	Earth
	Fuse
	This product complies with the WEEE Directive marking requirements. The affixed label indicates that you must not discard this electrical/electronic product in domestic household waste. Product Category: With reference to the equipment types in the WEEE Directive Annex I, this product is classed as category 9 "Monitoring and Control Instrumentation" product. Do not dispose of this product as unsorted municipal waste.
	AC (Alternating Current)
	Chassis ground
	Warning Hazardous Voltage
I	On
O	Off

On the **Safety Summary** page, remove the 4th and 5th sections.