



The SIU-6 Sensor Interface Unit provides for strategic placement of distributed system I/O

The SIU-6 Sensor is a packaged, turn-key I/O system for data acquisition and distribution applications. It features a compact, conduction cooled enclosure, 6U VME high density multifunction I/O Boards, integrated Power Supply and Ethernet/Network-centric communications. Additionally, with localized processing capability, the SIU-6 allows for true capture and distribution of I/O.

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The 55MQ2 DC/DC Power Converter

The 55MQ2 is a DC/DC Converter designed for rugged, military 3U cPCI systems. This conduction cooled unit provides 150 Watts of output power over its operating temperature range of -55°C to +85°C. The input is compliant with MIL-STD-704 or MIL-STD-1275, and has a fully integrated EMI filter compliant with MIL-STD-461. The 55MQ2 is also compliant with the PICMG 2.11, 47 position connector pin-out and signaling. It fits standard 3U cPCI or VPX 0.8" pitch, and does not interfere with inter-board separation plane on either side for single slot applications.

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Advanced Features added to 8810A Angle Position Indicator

The 8810A is a full-function Angle Position Indicator (API) capable of performing Synchro/Resolver evaluation, calibration and test functions on components, assemblies and systems. The use of an intelligent DSP design eliminates push buttons and allows all programming to be done either via an integrated touch-screen, front panel USB mouse interface or with the multipurpose increment/setup knob. Five new enhanced features have been added to this industry leading Measurement Instrument.

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State-of-the-Art Robotic Selective Conformal Coating and Aqueous Wash Systems

North Atlantic Industries is continuously striving to improve product quality and consistency. As a leading supplier of Embedded I/O Boards, Military Power Supplies, Motion Simulation and Measurement Instruments, we are constantly developing new techniques for providing leading edge products. NAI employs a state-of-the-art robotic selective coating and dispensing system in order to meet the most demanding MIL specifications.

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