



Boards - Power Supplies - Instruments

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New High-Performance PC/104 Synchro/Resolver Measurement Card Model 73SD3

Bohemia, NY - North Atlantic Industries, Board Division announces the availability of a new high-density intelligent DSP-based Synchro/Resolver measurement card. The 73SD3 series PC/104 card supports up to 6 channels of 16-bit resolution, 1 arc-minute accuracy single speed or 3 channels of two-speed, with transformer isolation. Self-calibration, auto-ranging and continuous background BIT testing makes the 73SD3 a highly reliable unit. The 73SD3 series operates over the frequency range of 360 Hz to 10 KHz and provides a tracking rate of up to 150 RPS at 16-bit resolution. A highly linear 16-bit digital velocity output is also provided. The 73SD3 also offers an on-board programmable reference supply along with 16 bits of Digital I/O. Options include Encoder (A & B) plus index outputs, Hall effect commutation output and cumulative turns counter. The 73SD3 requires only +5 VDC power supplies and is available with an operating temperature range of -40°C to +85°C. Model 73LD3 is available for LVDT/RVDT measurement.



About North Atlantic Industries

North Atlantic Industries has over 40 years of experience supplying COTS and Custom Solutions to the Military, Commercial Aerospace and Industrial Markets. Let our engineering staff provide innovative I/O Board, Power Supply and Instrument solutions to solve your next engineering challenge. For detailed data sheets visit our web site at www.naii.com, e-mail sales@naii.com or call (631) 567-1100.