Computer Conversions Corp.

6 Dunton Court • East Northport, NY 11731
631-261-3300
www.computerconversions.com

VSP90 Sensor I/O

VSP90 Series Intelligent, Isolated Sensor I/O, provides 8 Synchro, Resolver, and LVDT inputs, 8 outputs, +6 multi-plexed inputs, programmable AC Reference, advanced diagnostics and autonomous self-test.

Inputs feature voltage auto-ranging (2-28/115VAC) wide band frequency 47-10KHz, 16-24 bit resolution, 1 arc' accuracy, auto-calibration, and track input rates to 150RPS with Tach. grade velocity. Outputs provide real-time simulation and precision assimilated servo control. 16-24 bit resolution, 30 arc seconds accuracy, drive up to 2VA loads, and booster support to 150VA.

The VSP90 is especially suited for radars, antenna, fire control, GPS and gyro upgrades, navigation, bridge control, distribution systems, and absolute servo control. No +/-12VDC required.

COMPUTER CONVERSIONS CORP.

FEATURES

> Universal Synchro, Resolver, LVDT I/O, with precision programmable AC reference source and advanced dynamics

> Absolute Position with velocity, programmable: bandwidth, step alert, multi-speed ratio and incremental outputs

> Inputs have Auto-ranging, Auto-Calibration, programmable BW., Autonomous Self Test and enhanced diagnostics

> Outputs disabled external or via host. For redundancy, 2 cards may be ganged with alter card monitoring

> Outputs have autonomous BIT with report, and live output monitoring for advanced sensor- system diagnostics

> Outputs have programmable velocity and acceleration; provide accurate ramp controlled position servo dynamics

RSC# 33375 @ www.vmecritical.com/rsc

FEATURES