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The Adtech Model SCT 00 NON-ISOlated Signal CONVERTER Provides accurate AND ECONOMICAL SIGNAL OR IMPEDANCE CONVERSION FROM A CURRENT OR VOLTAGE SOURCE TO ANY STANDARD PROCESS SIGNALS SUCH AS 4-20 MA DC, 1-5 VDC, OR ZEROBASED OUTPUT WHEN INPUT-TO-OUTPUT ISOLATION IS NOT REQUIRED.

THE SCT 00 Provides standard process Current or voltage signals on the OUTPUT WITH A MAXIMUM OF 110 MV P/P OUTPUT RIPPLE. IT OFFERS A PRACTICAL AND CONVENIENT WAY TO INTERFACE SIGNALS TO A COMPUTER SYSTEM OR OTHER PROCESS INSTRUMENTATION FOR IMPROVED RESOLUTION.

A COMMON APPLICATION IS TO PROVIDE ADDITIONAL AMPLIFICATION OR DRIVE TO A PROCESS SIGNAL LOOP.

Zero and span controls are provided by two separate infinite resolution potentiometers. Recalibration to other ranges is convenient.

The SCT 00 employs the latest design and components utilizing proven techNIQUES FOR THE UTMOST IN RELIABILITY, ACCURACY, AND SERVICEABILITY.


## FEATURES

DC CURRENT INPUTS: 4-20 MA, ETC.
. DC VOLTAGE INPUTS: 1-5 VDC, ETC.
, HIGH INPUT IMPEDANCE: 10 MEGOHMS MINIMUM
. ZERO-BASED INPUTS: CURRENT AND VOLTAGE

LOW IMPEDANCE CURRENT INPUTS: 1/10-OPTIONAL

DC Process Signal Outputs: Current and voltage
REPEATABILITY: $\pm 0.02 \%$ OF SPAN -TYPICAL
High ACCURACY: $\pm 0.1 \%$ OF SPAN

Reverse Calibration Linear Inverter: Optional

Signal CONVERSION
Signal Repeater
IMPEDANCE CONVERSION
REVERSE CALIBRATION LINEAR INVERTER


## CONNECTIONS / DIMENSIONS



