The adtech Model rbM 98 Ratio and Bias Module offers an accurate and ecoNOMICAL MEANS OF ADDING OR SUBTRACTING A DESIRED AMOUNT OF BIAS TO THE INPUT SIGNAL AND/OR CHANGING THE RATIO (GAIN) RELATIONSHIP OF THE OUTPUT TO THE INPUT SPAN.

THE INPUT BIAS HAS A RANGE OF 0 TO $\pm 100 \%$ OF FULL SCALE INPUT, AND THE RATIO HAS A RANGE OF $0.1-10$. AN OUTPUT BIAS OF UP TO $50 \%$ OF THE OUTPUT SPAN IS A STANDARD FEATURE.

THE RBM 98 PROVIDES STANDARD PROCESS CURRENT OR VOLTAGE SIGNALS ON THE OUTPUT WITH A MAXIMUM OF 10 MV P/P OUTPUT RIPPLE. IT OFFERS A CONVENIENT WAY OF INTERFACING RATIO STATION SIGNALS TO A COMPUTER SYSTEM OR OTHER PROCESS INSTRUMENTATION.

Recalibration to other desired ranges is accomplished easily. Temperature-stable, LOW-NOISE COMPONENTS PROVIDE EXCELLENT STAbILITY AND NOISE IMMUNITY. THE RBM 98 EMPLOYS THE LATEST DESIGN AND COMPONENTS UTILIZING PROVEN TECHNIQUES FOR SUPERIOR RELIABILITY, ACCURACY, AND SERVICEABILITY.


## FEATURES

, Ratio Range (OUTPUT Span Divided by Input Span): K=0.1 TO 10.0
, INPUT BIAS CAPABILITY: 0 TO $\pm 100 \%$
, OUTPUT BIAS CAPABILITY: 0-50\% OF SPAN
, DC CURRENT INPUTS: 4-20 MA, ETC.
, DC VOLTAGE INPUTS: 1-5 VDC, ETC.
, High Input Imepance: 10 Megohms Minimum
, ZERO-BASED INPUTS: CURRENT AND VOLTAGE
, DC Process Singal OUTPUTS: CURrent and Voltage
, REPEATABILITY: 0.02\% OF SPAN
, High AcCuracy: $\pm 0.1 \%$ OF SPAN

TYPICAL APPLICATIONS

Signal Scaling TO MATCH Instrument InPUT TO PROCESS RANGE
Absolute Temperature and Pressure COMPUTATION
Ratio CONTROL


## CONNECTIONS / DIMENSIONS



