The Series SCC Signal Conditioners provide maximum accuracy with minimal cost. Built-in microprocessor digitally scales, amplifies, linearizes and isolates thermocouple, RTD, current, voltage, frequency or potentiometer analog input signals. Units offer 16-bit input resolution with 0.05% full scale accuracy. Eliminate ground loops with 1500VAC isolation. Two LEDs, one red and one green, located on the front face of the enclosure provide visual indication of operation. Additional features include short circuit, reverse power protection, digital calibration and cold junction compensation.

Installation is a snap with the DIN rail mountable enclosure. Units are factory set to support a specific analog input and output, however, can be easily reconfigured to suit your application with the user-friendly Windows® Configuration software and cable (sold separately).

Also available is the SCC-4W DIN Rail Mount power supply and SCC-L1 Loop Isolator. Model SCC-4W is designed specifically to provide 24 VDC power for the SCC modules. Model SCC-L1 accepts a 4 to 20 mA signal and provides an isolated 4 to 20 mA signal output.