

CRAIG OCEAN SYSTEMS, INC.
Catalog & pricing for the MCU500 and components

ITEM

PART NUMBER

Line Amplifiers / Signal Conditioners:



Model 30015-02 dual channel signal conditioning line amplifier. Channel 1 is a high gain, optically isolated input for use with pH, ORP and ION selective probes. A second channel is provided for interface to temperature probes, etc.. A precision regulated signal excitation (0-5 VDC) source is provided (for excitation of temperature sensors). Both channels are fitted with gain and offset adjustments to interface with a wide variety of probes. These units are extremely rugged and designed to operate in the worst environments.

200-30015

Model 30030-01 Frequency converter, with 3 1/2 digit LCD display, gain and offset adjustments. This signal conditioner is specifically designed for use with the RFO2500 series flowmeters from IMO (GEMS sensor division), but may be used with any sensor with a pulse output. Provides local readout of flow rates at the valve, and to the MCU for data logging, computation of mass flows, etc.. Includes a second channel for other sensors (temp probe, etc.), and precision regulated, adjustable excitation source available for sensor excitation (0-5 VDC). Output interfaces directly to MCU500.

200-30030

Model 30050 Interface module. This general purpose interface provides both a full differential input, as well as gain and offset adjustment capability. Used with the EXTECH light meter, it accepts the 0-200 mV offset input signal, and provides a 0-5 VDC output, compatible with the MCU standard Analog input. It also provides a regulated 9 VDC output to eliminate the battery requirement of the Light meter (powered by the MCU500). Can be used with other instruments as well.

200-30050