STANDARD SHIPBOARD LINEARIZATION & CONVERSION PANEL

MODEL SSLC

MARINE ELECTRIC SYSTEMS, INC., is proud to introduce its *"Standard Shipboard Linearization & Conversion Panel."* This panel is for converting non-linear analog to linear signals.

It accepts more than 100, single, dual, triple and quad input applications, e.g., salinity, RTD, ORP, pH, strain gauge, pressure, load cell, vibration, speed, RPM, torque, fuel consumption, etc.

Standard Shipboard Linearization & Conversion Panel

Model SSLC

SSLC GENERAL FEATURES:

- True Differential Inputs
- 32 Bit Operating System
- Up to 7 Discrete Channels/Displays per Panel w/up to 6 independent user programmable electromechanical or 4 solid state relays
- Independent ZERO & SPAN Controls per Channel Ten (10) On Board Input Calibration Signals
- 7 Segment Linear Digital Display
- 16 Bit Isolated Analog Outputs (4-20mA or 0-10Vdc, or reverse) – NOTE: DeviceNet or Ethernet compatible serial outputs also available
- User Friendly Programming

BENEFITS

- Reduction in spurious noise and random electrical pickup
- Extremely high accuracy, e.g., 0.02% over full scale
- Allows greater monitoring capability and reduces down-time by simplifying troubleshooting
- Allows precise adjustment per channel to emulate original salinity reading from host panel
- Allows ease of calibration verification w/o the need of remote signals
- 32 Point user programmable linearization allowing for conversion of non-linear curves to straight line approximations, over the length of the curve
- Allows for isolated RS-232 or RS-485 serial interface using isolated ASCII or ModBus communication protocol
- Allows ease of programming or customer developed macro written in BASIC

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