SD50 COMBINES EXTREME DURABILITY AND HIGH PERFORMANCE TO SERVE AS OUR PREMIER DISPLAY CONTROLLER FOR MEASUREMENT AND MONITORING APPLICATIONS. DESIGNED FOR MAXIMUM CONFIGURATION FLEXIBILITY, SD50 IS ALSO A NATURAL CHOICE FOR OEM AND CUSTOM APPLICATIONS.

STANDARD CONFIGURATION

Features
- Digital sensor network
  - Manages a network of ≤16 wired or wireless devices, which include mV/V, mA, quadrature, digital and a variety of application-specific sensors.
  - Improved noise immunity insures measurement fidelity.
  - Simplified network schema reduces cabling costs and setup time.
- Advanced Multi-Controller Setup allows seamless integration of additional LMC or SD50 controllers.
- Interfaces included Ethernet (TCP/IP, UDP, FTP and Webserver), RS485 (ASCII or Binary) and USB.
- SD card slot provides onboard data logging.
- Internally protected against transient voltages and polarity reversal.

Environmental
- Operating Temperature: -40 to 165°F (-40 to 74°C)
- Storage Temperature: -40 to 185°F (-40 to 85°C)

Dimensions
- Height: 6.56 in (16.66 cm)
- Width: 9.56 in (24.28 cm)
- Depth: 5.06 in (12.85 cm)
- Weight: 17 lbs (7.71 kg)

Enclosure
- Material: 316 Stainless Steel
- Rating: NEMA 4X, IP66

Electrical Specifications
- Voltage DC: 10.5 to 28.0 VDC
- Current DC: 1.2 A max
- Voltage AC: 120 VAC
- Current AC: 0.5 A max