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SD50 DISPLAY CONTROLLER

HIGH END CONFIGURABLE DISPLAY FOR CRANE AND WINCH APPLICATIONS



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The SD50 Display Controller is a high end configurable display for crane and winch applications. The display utilizes 3PS rugged technology and advanced bus communications protocol to build highly configurable environmental sensing networks for the harshest environments.

SD50 Controllers have been used in Boom Crane (land based and offshore), Bridge Crane, Gantry Crane, Crawler Crane, Ladle Crane, Winch and Anchor Monitoring, Marine / Maritime environments, as well as, Oilfield and Drilling Applications.



ENVIRONMENTAL



Operation Temperature: -40 to +65°C
Storage Temperature: -40 to +65°C
Front Panel Display Temperature: -40 to +65°C

ELECTRICAL



Supply Voltage (See Note 1.): 10.5 – 28.0 VDC Supply Current: 1.2A max
Transient Voltage Protection
Reverse Polarity Protection
RFI Filtered
*Note 1" 120 VAC Version Available

MECHANICAL



Enclosure Dimensions: 9.56" w x 6.56" h x 5.06" d
Materials: 316 Stainless
Polycarbonate Lens: 3/4" (6.4 mm) Thick
Weight <10 lbs.

SD50 CAPABILITIES

- Connects up to 16 Sensors or Field Devices
- Connects to Current Loop, mV Output, or Digital Output Devices (Encoder) on One Single Network
- Supports 3PSNET Network Improving Sensor Accuracy and Response Time while Reducing Cable Connections, Potential Wiring Issues and Installation Time
- Fast Field Calibration using a Simple 2, 3, or 10 Point Menu Driven Process. No External Hardware Required for System Diagnostics
- Capable of Connecting to Wired and Wireless Sensors in a Single Network
- Fast Set-up to Add, Remove or Change Sensors on the Network
- Integrated Diagnostics Allow for Quick Identification and Problem Solving
- Configurable to Provide RS485, Ethernet TCP/IP or MODBUS Communications Interface