MCCOY
G L O B A L

TOUGH. TESTED. RELIABLE.

ENHANCED TORQUE AND TENSION SUB
WITH INTEGRATED TURNS

SD50-H Display Controller

SD50-H combines extreme durability and high performance to serve as our premier display controller for measurement and monitoring in hazardous areas. Designed for maximum configuration flexibility, SD50-H is also a natural choice for OEM and custom applications.

In addition to a variety of hazardous area certifications, SD50-H improves upon the standard SD50 by including a bezel with enhanced shatter resistance and tool-safe connector locking technology.

Power Requirements	
Voltage DC	10.5 to 28.0 VDC
Current DC	1.2 A max
Voltage AC	120 VAC
Current AC	0.3 A max

Temperature Ranges	
Operating	40 TO 165 °F
Storage	40 TO 185 °F

Enclosure	
Material	316 St ainless Steel
Height	6.56 in
Width	9.56 in
Depth	5.06 in
Weight	17 lbs

Certifications	
Class I, Division II, Grp C, D T4 (-40C<Ta<75C)	
Enclosure Rating	NEMA 4X, IP66
Conforms To	ANSI/ISA 12.12.01, ANSI/UL 61010-1
Certified To	CAN/CSA C22.2 No. 61010-1, CAN/CSA C22.2 No. 213

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 SDSO controllers
- Interfaces include Ethernet (TCP/IP, UDP, FTP and Webserver) and RS485 (ASCII or binary)
- SD card slot provides onboard data logging
- Internally protected against transient voltages and polarity reversal