

3.3.15 ML100 Dedicated Interface Module

Control Power

Power Requirements: From Control Module ML100 Interface connector: +5Vdc/0.1A, +8Vdc/0.4A, -6.5Vdc/1mA

Communications

Port: 1 Dedicated parallel connection
 Interconnect: 26-pin IDC ribbon cable
 Cable Length: 3 feet maximum

Environment

Approval: CSA NRTL/C
 Class 1, Div.II, Groups A,B,C,D
 Class 1, Zone-2, Groups IIC
 Operating Range: -40°C to +60°C
 (LCD Display: -20°C to +60°C)
 (VFD Display: -40°C to +60°C)
 Conformal Coating: Boards conformal coated for hostile environments

User Interface

Display: 16-character x 2-line LCD or VFD
 Alpha-numeric display
 Keypad: 9 tactile keys, polyester faceplate
 - Setpoint, measured, status
 - Message Up, Message Down
 - Value Up, Value Down
 - Reset
 - Store
 Contrast: Adjustable by potentiometer
 Panel Indicators: Power on
 Current heater display on
 Serial communication active
 System alarm
 Process alarm

Bezel

Material: 304 Stainless steel
 Mounting: For mounting on NEMA-12 or NEMA-4 enclosure door. Includes gasketing.
 Optional: 304 Stainless steel shroud with plexi-glass hinged cover to protect keypad from physical damage.

Specifications subject to change without notice.