

Addressable, Multi-Drop, Remote Electronic Tank Display Panel For Use With The TMS2000/3000 Tank Management Systems



Product Description

The ETD1000 Electronic Tank Display panel is used in applications where it is desired to view TMS series tank management data from various on-site locations at distances up to 4000 feet away from the main console. Since the ETD1000 is a microprocessor-based, addressable device communicating over the TMS RS485 Peripheral Expansion Bus, up to 16 ETD1000 panels may be connected to a single TMS. Unlike the TD1000 Tandem Remote Display, each ETD1000 may be operated independently. The ETD1000 is housed in a NEMA 4X enclosure for harsh industrial/outdoor environments. The display technology is an ultra-bright, truly sunlight-readable LED display for maximum reliability in extreme temperatures. The membrane overlay pushbuttons are one inch on centers for easy operation with gloved hands.

- Dimensions: 7.9" W x 5.5"H x 3.5"D
- Weight: 8 lbs
- Operating Temperature: -40° to +160° F (-40° to +70° C)
- Humidity: 95% Non-condensing
- Enclosure Construction: Cast Aluminum, Epoxy Powder Coat Paint Finish, Gasketed Cover w/Captive SS Screws
- Enclosure Rating: NEMA 4X, Watertight and Corrosion-proof
- Power Requirements: 120 / 240 VAC Switchable, 50-60Hz, 5W Max.
- Audible Alarm: 100db
- Display: 9-Character, Ultra-Bright Sunlight-Readable LED Display, 0.56" Ht, Readable from 25' Ultra-Bright Intensity Alarm LEDS, Visible from 75'
- Display Data: Gross/Net Volumes, Percent Volume, Ullage, Product Level, Water Level, Product Temperature, Tank Name, Tank ID, Tank Alarms
- Communications: RS485 TMS Expansion/Peripheral Bus Included Standard, Plug-in Terminal Block, Used to connect ETD1000 to the TMS
- Field Wiring: 24AWG, single twisted-pair conductors w/ shield
Belden 9841(PVC), 89841(FEP) or equivalent, maximum length 4000' total, all displays

Note: Specifications subject to change without notice. 12-11-2003