

Addressable, Multi-Drop, Remote Electronic Tank Display Panel For Use With The TMS2000W/4000W Wireless and TMS2000/3000/4000 Wired 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 RS-485 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 (W x H x D): 7.9" x 5.5" x 3.5" (201 mm x 140 mm x 89 mm)
- Weight: 8 lb (3.6 kg)
- Operating Temperature: -40 °F to 160 °F (-40 °C 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 (IP56), Watertight and Corrosion-proof
- Power Requirements: 120 / 240 VAC Switchable, 50-60 Hz, 5 W Max.
- Audible Alarm: 100 db
- Display: 9-Character, Ultra-Bright Sunlight-Readable LED Display, 0.56" (14 mm) Ht, Readable from 25' (7.6 m)
Ultra-Bright Intensity Alarm LEDS, Visible from 75' (22.9 m)
- Display Data: Gross/Net Volumes, Percent Volume, Ullage, Product Level, Water Level, Product Temperature, Tank Name, Tank ID, Tank Alarms
- Communications: RS-485 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' (1219 m) total, all displays
- Compatible with: TMS2000, TMS2000W, TMS2000A1, TMS2000A2, TMS3000, TMS4000, TMS4000W
- Approvals: UL Listed

Note: Specifications subject to change without notice. 01-13-2021