

## 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

Note: Specifications subject to change without notice. 01-12-2018