

The Best Tank Gauge Transmitter Ever!



All Purpose Transmitter Board (Third Generation)

The APTB3 “All Purpose Transmitter Board” (Third Generation) is a multi-purpose transmitter card that can fit multiple applications, protocols, and topologies. The APTB3 can be used with the 2000 Encoder, Surge Protector, and Explosion Proof Housing to form a full tank gauge transmitter. Like its predecessors, the APTB3 utilizes plug-in Personality Modules (PMs) to provide electrical interfaces, power regulation, and surge protection to emulate various manufactures transmitters (direct retrofit capable). All PMs supported by MACB and APTB modules can also be utilized on the APTB3 including Radio, Fiber Optic, RS458, Topologies as well as Legacy Interfaces such as Mark-Space, Tankway, and TP600. An Ethernet PM is also available with the APTB3 module.

- Dependent on area classification, configuration and diagnostic can be utilized by a Hand-Held terminal or computer
- LED indicate communication and operation status
- Expanded analog input capability:
 - Support for averaging or multi-point RTD temperature inputs
 - Ability to measure product or water level from 4-20 mA instruments
 - Ability to measure parameters such as pressure, temperature, density, etc. from 4-20 mA instruments
- Ability to compute gross and observe net volumes if equipped with density input and configured with strapping tables and tank parameters
- Optional master or slave communication port (configurable)
- On-board sensor for monitoring ambient temperature within the transmitter housing including low/high historical recording
- Provides a broader range of protocol support including MODBUS-TCP and Ethernet Communication
- Includes digital input and digital output capability
- Enables integration of float gauge technology with advanced MTG and MMP gauging technologies



For more information contact Gauging Systems Inc. at +1 (281) 980-3999 or gaugingsystemsinc.com

