The 7660 Tactical Fuel Gauge (TFG) is a rugged sensor for measuring pressure and temperature in military and commercial collapsible tanks. It provides queried or continuous pressure and temperature measurements of fuel stored in collapsible tanks for accurate and reliable inventory management.

Benefits and Features

- Integral part of the Varec TacFuels® system solution
- Precision digital measurement
- -4 to +176 °F (-20 to +80 °C) liquid temperature measurement
- Two-wire sensor cable is compatible with all petroleum fuel products
- Stainless steel sensor housing with dry, ceramic-capacitive sensor element
- All power and communications cables are connected via military style quick connects/disconnects.
- Simple installation - direct replacement for an existing collapsible tank vent pipe
- Rugged design - suitable for harsh environments
Installation

The 7660 TFG can be installed in minutes. First, remove the existing vent pipe and feed the integrated sensor into the collapsible tank until it is resting on the bottom of the tank. Then, fasten down the 7660 TFG vent pipe coupling. Lastly, connect the power/communications cable to the quick disconnect point on the vent pipe.

System Configuration and Operation

Up to four 7660 TFG’s power and communications can be “daisy chained” together and terminated at the 8240 Tactical Data Unit (TDU). The 8240 TDU polls each connected 7660 TFG in turn for measurement data, performs calculations and provides complete tank inventory information to the TacFuels system computing device.

Proudly Presented By SEI

SEI Industries Ltd. is the first manufacturer to integrate the TacFuels monitoring system directly into its King series of collapsible fuel tanks.