

## **DUAL CRYOGENIC PRESSURE & TEMPERATURE TRANSDUCER**

# **MODEL 7730**

#### FEATURES:

- Cryogenic service down to -320 °F (-196 °C)
- Isolated electronics provide 4-20 mA, 0-5 Vdc or digital outputs
- Remote electronics via stainless steel armored cable
- High accuracy, 0.3% RSS standard (0.1% available)
- Lightweight, 8 oz. (0.2 kg)
- Hydrogen and LOX compatibility
- Designed to meet vibration and shock per MIL-STD-810
- Up to 0.5 second thermal response time
- Platinum RTD

### APPLICATIONS:

- Liquefied fuel pressures
- Manifolds, propulsion systems
- Military and defense programs
- Liquid gas custody transfer

#### **PRODUCT OVERVIEW:**

GP:50's 7730 cryogenic series provides pressure and temperature measurement in one device down to -320 °F (-196 °C). The remote mounted electronics offers a high level output of 4-20 mA, 0 to 5 Vdc or various digital protocols at high accuracies. 100 or 1,000  $\Omega$  platinum RTD is available as well as dual analog outputs.

#### FIELD OPTIONS:

- 0 to 5 Vdc, 0 to 10 Vdc or 4-20 mA output
- RS232, RS485 and Can outputs
- Custom probe lengths
- Zero and span adjustments
- Optional electrical connections
- High-temp version to +350 °F (+177 °C) (see Model 7780)



Model 7730 Dual Cryogenic Pressure & Temperature Transducer

## GP:50 MODEL 7730

#### **DIMENSIONAL DRAWING**

All dimensions are in inches (mm)



All specifications are for reference purposes only. In the interests of continuous product improvement, all specifications are subject to change without notice. Please contact GP:50 for assistance with your application.

