

## FLIGHT QUALIFIED LOW LEVEL PRESSURE TRANSDUCER



Model 7100 Flight Qualified Low Level Pressure Transducer

GP:50 Cage Code: ON8Y7

# **MODEL 7100**

#### FEATURES:

- Aircraft and space flight heritage
- Compact, lightweight all-stainless steel design
- High accuracies up to  $\pm 0.1\%$  FSO
- Wide operating temperature range from -65 °F to +250 °F (-54 °C to +121 °C)
- Meets MIL-STD-810F shock and vibration specification
- J-001/NASA 8739.3 workmanship standards for soldered electrical connections
- Secondary containment ≥4,500 PSI (310 BAR)

#### APPLICATIONS:

- Commercial and defense satellites
- Launch vehicles
- Unmanned aerial vehicles
- Military and civilian aircraft
- Ground support and engine test stands
- Ground and engine testing

### PRODUCT OVERVIEW:

The Model 7100 from GP:50 is a flight-qualified, low level pressure transducer, designed to provide high-accuracy measurements of up to  $\pm 0.1\%$  FSO. Its flight heritage, spanning 25 years, makes it ideal for use within demanding aerospace and defense applications, including those in which higher shock and vibration levels may be present. Its compact and lightweight design facilitates ease of installation within space constrained environments.

#### FIELD OPTIONS:

- "B+ and S Class" electronics
- Temperature output
- Inconel, Hastelloy, and Monel wetted parts
- Wide selection of pressure ports and electrical connections



## GP:50 MODEL 7100

#### **DIMENSIONAL DRAWING**

All dimensions are in inches (mm)



Standard configurations shown. Please consult factory for other options.

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.

