

HIGH TEMPERATURE - PRESSURE & TEMPERATURE TRANSDUCER

MODEL 7790

FEATURES:

- +70 °F to +350 °F (+20 °C to +177 °C) Process temperature
- High accuracy temperature output to $\pm 1\%$ FSO
- High accuracy pressure output to $\pm 0.1\%$ FSO
- Lightweight, 8 oz (0.2 kg)
- Hydrogen and LOX compatibility
- Designed to meet shock and vibration per MIL-STD-810
- Up to 0.5 second temperature response time

APPLICATIONS:

- High temperature gas measurement
- Propulsion Systems
- Military and Defense Applications

PRODUCT OVERVIEW:

GP:50's 7790 High Temperature series transducer provides pressure and temperature measurement up to +350 °F (+177 °C). The remote electronics provides a high level output of 4-20 mA or 0 to 5 Vdc while reducing the overall footprint by integrating pressure and temperature measurement in one device.

FIELD OPTIONS:

- Custom temperature probe lengths
- 0 to 5 Vdc, 0 to 10 Vdc (4-wire isolated output options) or 4-20 mA output
- Alternate remote cable lengths
- Cryogenic version rated to -320 °F (-196 °C) see Model 7730

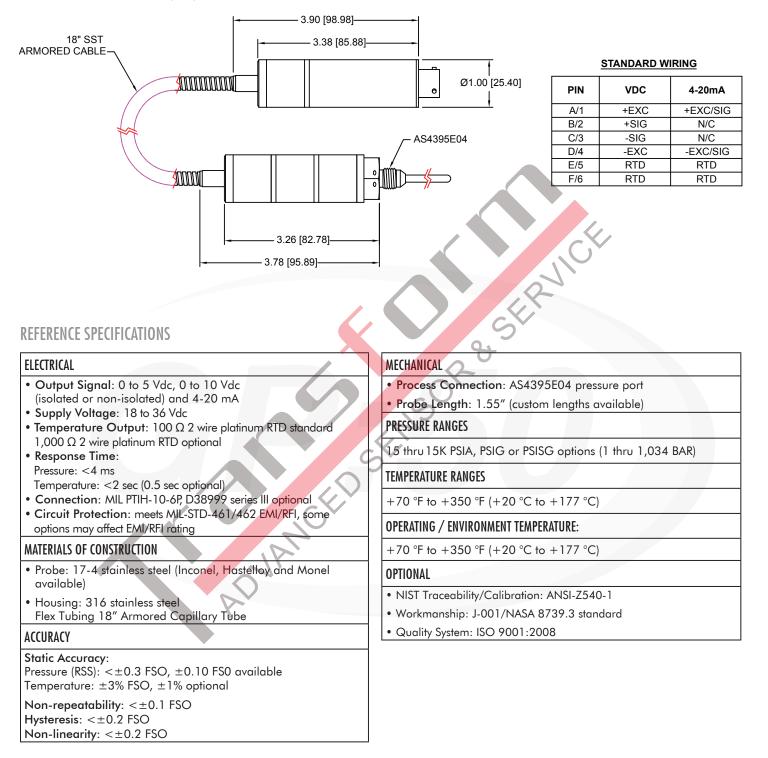


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GP:50 MODEL 7790

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.

