

# TPD2010 DUAL PRESSURE TRANSDUCER

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TPD2010 is a customer specific two-channel “Dual” pressure transducer designed for integration into an avionics standby ADC instrument. TPD2010 measures both total pressure and static pressure and provide digital outputs for Dynamic Impact pressure, static pressure and both sensor temperatures. TPD2010 is a fully compensated dual port pressure transducer using Look up Table (LUT). Temperature and non-linearity effects need to be externally compensated using the data stored in EEPROM. More than 400 sets of measurements, covering a wide range of temperature and pressure combinations are used as the input to the compensation data. This ‘Module’ solution creates an opportunity to use pre-calibrated sensors that easily can be integrated into a final product. The capability of changing transducers without the need for recalibration, makes the TPD2010 an ideal choice in maintenance, repair and overhaul (MRO) situations.



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