



Unitech Scales & Measurements Pvt. Ltd.

Mfrs. & Suppliers of : Transducers & Electronic Process Control Equipments and Devices

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UNITECH'S PRESSURE TRANSDUCER

UNITECH'S Pressure Transducers manufactures a wide range of absolute and true gauge pressure transducers. Absolute pressure transducer has a single reference chamber and gauge pressure transducer reads the positive difference between the measured pressure and the existing atmospheric pressure. UNITECH'S Pressure Transducer are mainly a strain gauge based sensors ranging form Vacuum to 1200 Kg/cm². The stainless steel construction permits the transducers to operate in rugged, industrial environments. We also undertake custom-built pressure transducer for specific requirement and for OEM users.



SPECIFICATION:

TYPE	: Absolute and Gauge Pressure.
CAPACITY	: Vacuum to 1200 Kg / cm ²
MEDIA	: Gas or Liquid
STRAIN GAUGE RESISTANCE	: 350 ohms \pm 2%
SAFE OVERLOAD	: 150% of the rated capacity.
MAX. OVERLOAD	: 200% of the rated capacity.
EXCITATION	: 10 V DC (max.)
SENSITIVITY	: 1 to 2 mV/V depending on the Pressure cell capacity.
NON-LINEARITY	: < \pm 0.20% of the rated capacity.
CREEP ERROR	: < \pm 0.02% of the rated capacity.
HYSTERESIS	: < \pm 0.02% of the rated capacity.
OPERATING TEMPERATURE	: +10 ⁰ C to +55 ⁰ C
ELECTRICAL CONNECTION	: Through four cores shielded cable with the connector attached.

We also make **TRAINER KITS** for STRAIN, LVDT, TEMPERATURE, LOAD, PRESSURE, TORQUE, SPEED, LDR, RESISTANCE, PIEZOELECTRIC, CAPACITANCE, LEVEL ROTAMETER, INDUCTANCE, ORIFICE METER, I TO P, P TO I, VIBRATION, DEAD WEIGHT PRESSURE GAUGE, BOURDON GAUGE, DIFFERENTIAL PRESSURE TRANSMITTER, and also Industrial Process control equipments and Instrumentation Tutors and also Micro-controller based systems.