

# Pressure Transducers

## Geotech Gauge Pressure Transducers

Geotech's submersible pressure transducers are designed for ruggedness and long life to meet the harsh environments encountered in liquid level measurement and control.

### FEATURES

- High static accuracy and repeatability
- 100% computer tested and calibrated
- Temperature compensated
- Complete range of signal outputs
- User specified pressure ranges from
- 3–100 PSI gauge
- 500' maximum cable length
- All wetted materials are 316 stainless steel or optional PVC casing
- Accessible screen for cleaning and maintenance
- Select between polyurethane or Tefzel® jacketed cable
- Optional gas casing sensor with 1/4" NPT
- Cable incorporates vent line to allow barometric compensation of level readings
- Field replaceable vent line desiccant cartridge



Replaceable Desiccant Cartridge



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### SPECIFICATIONS

#### ELECTRICAL:

Supply Voltage	12-36V DC
Supply Current	25 mA
Output	1-5V DC 4-20 mA

#### PERFORMANCE:

Pressure Ranges	PSI 0-3, 0-5, 0-15, 0-30, 0-50, 0-100
Accuracy	±.1% of full scale
Non-linearity	.07% of full scale
Repeatability	0.015% of full scale
Pressure Hysteresis	0.010% of full scale
Zero Error	±0.1% of full scale
Span Error	±0.1% of full scale
Compensated Temperature	-20°C to 85°C

Operating Temperature	-40 to 125°C
Response Time	2 milliseconds
Life	1 million pressure cycles

#### PHYSICAL:

Sensor Length	7 1/8"
Sensor Diameter	1"
Sensor Weight	12.28 oz. (348g)
Proof Pressure	3x PSI
Burst Pressure	5x PSI
Media Compatibility	Liquids or gases compatible with 316 SS

#### Note:

Probe is protected from reverse polarity supply connection.

**CALL GEOTECH TODAY (800) 833-7958**

Geotech Environmental Equipment, Inc.  
 2650 East 40th Avenue • Denver, Colorado 80205  
 (303) 320-4764 • (800) 833-7958 • FAX (303) 322-7242  
 email: sales@geotechenv.com website: www.geotechenv.com