

720 Submersible Pressure Transducers



The 720 submersible pressure transducers is specifically designed to meet the rigorous Environments encountered in liquid level measurement and control. It can be configured to perform to specifications under the most adverse, reactive conditions.

Features:

- High Static Accuracy & Repeatability
- Welded 316 SS Construction
- Small Rugged Package
- User-Specified Pressure Ranges Available
- 100% Computer-Tested, Calibrated and Serialized
- Unique Cable Seal System
- Fully Temperature Compensated
- Datalogger Compatible

Application:

- | | | |
|---------------------------|-----------------------------|------------------|
| 1. Well Monitoring | 2. Ground Water Monitoring | 3. Level Control |
| 4. Slug Tests | 5. Soil Remediation | 6. Pump Control |
| 7. Oceanographic Research | 8. Surface Water Monitoring | 9. Lift Stations |

Technical Specifications:

Pressure Ranges: 0 - 5 through 0 - 300 psig Proof Pressure: 1.5 * F.S.

Burst Pressure: 2.0 * F.S.

Thermal Error: $\pm 0.05\%$ F.S./ °C

Wetted Material: 316 SS, Fluorocarbon

Operating Temp. Range: -10°C to 60°C

Output: 4 - 20 mA (or Voltage output)

Insulation Resistance: 100 Mega Ohms

Static Accuracy: $\pm 0.25\%$ F.S.R.

Resolution: Infinitesimal

Compensated Temp. Range: 0°C to 50°C

Power Requirement: 9 - 30 VDC

Output Impedance: Less than 10 ohms

Circuit Protection: Polarity, surge/shorted output