

HiTECH

Technologies, Inc.

NIVOPRESS

Submersible Level Transmitter

Hydrostatic Pressure Technology

Model NPK-200

For Environmental and Municipal Water Systems

APPLICATIONS

- ◆ Well Depth
- ◆ Tank Level
- ◆ Environmental Remediation
- ◆ Lift Stations
- ◆ Down Hole
- ◆ Pump Control
- ◆ Surface Water
- ◆ Dewatering

ADVANTAGES

Two Wire Design

Non-fouling Inlet Port

Small Diameter Probe

Leak Proof Construction

Temperature Compensated

Reverse Polarity Protected

Measurement Range 3' to 330'

Rugged Stainless Steel Package

Overvoltage Protection Available



The **NIVOPRESS Submersible Hydrostatic Level Transmitter Model NPK-200** is the perfect solution for monitoring level in deep wells, ground water, open reservoirs and tanks.

This two-wire transmitter provides repeatable, precision depth measurement under the most hostile environments, while providing high accuracy, long-term stability, and operational reliability.

The **NIVOPRESS** consists of a stainless steel probe with an non-fouling inlet port and a special cable configured with a capillary tube.

The measurement is based on the pressure difference between the hydrostatic pressure from the liquid above the probe and the actual atmospheric pressure. The built-in circuitry then produces a 4 to 20 mA output signal proportional to the liquid level.



HiTECH Technologies, Inc.

301 Oxford Valley Road, Yardley, PA 19067-7706

Toll Free: 866-DiLevel or 888-NIVELCO

Tel: 215. 321. 6012 ~ Fax: 215. 321. 6067 ~ www.DrLevel.com

HITECH

Technologies, Inc.

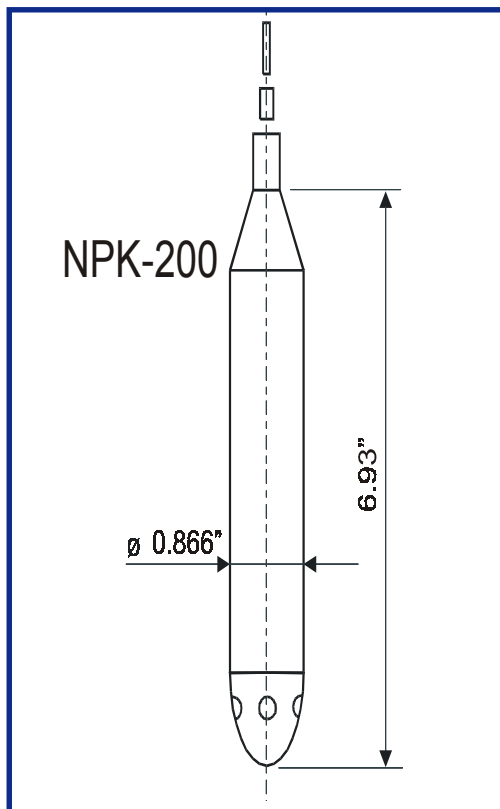
NIVOPRESS

Submersible Level Transmitter

Model NPK-200

SPECIFICATIONS

Type Hydrostatic Pressure Technology submersible level transmitter	Measuring Range Up to 330 feet	Linearity < 0.2% of Full Scale
Output Signal 4 to 20 mA Two-Wire	Accuracy < 0.5% of Full Scale	Materials of Construction Probe Stainless Steel Cable Polyurethane
Operating Voltage 9 to 30 VDC	Operating Temperature +14 to +150 °F (-10 to +60 °C)	Dimensions Probe 0.866" diam. 6.9" long Cable 0.28" diam.
Max Load Resistance $R_{\max} = \frac{(V_t - 9V)}{0.02A}$	Temperature Coefficient $\pm 0.05\% / 10\text{ }^\circ\text{C}$	



PERFORMANCE GUARANTEE

Since 1986, every instrument sold by **HITECH** has been guaranteed to perform in the application it originally was engineered and recommended for. Our company policy remains the same, every product sold comes with a written performance guarantee.

Should the equipment be unable to perform satisfactorily in your application and we are not able to correct the problem, we will accept the instrument in return and issue full credit. This performance guarantee is valid for 60 days. Thereafter, our standard limited two years factory warranty goes into effect.



Copyright HITECH Technologies, Inc.2002

HITECH Technologies, Inc.

301 Oxford Valley Road, Yardley, PA 19067-7706

Toll Free: 866-DrLevel or 888-NIVELCO

Tel: 215. 321. 6012 Fax: 215. 321. 6067 www.DrLevel.com