

## Ultrasonic Level Switch



measuring  
•  
monitoring  
•  
analyzing

NK-8000



- Proven Ultrasonic Technology
- Direct Replacement for Mechanical Float Type Liquid Level Devices
- Solid State Integral Electronics
- Designed for Years of Maintenance-Free Service
- Max. Pressure: 1000 PSIG
- Output: SPDT Relay
- Easy to Install



Contact:  
Industrial Process Measurement, Inc.  
3910 Park Avenue, Unit 7  
Edison, NJ 08820  
732-632-6400  
support@instrumentation2000.com  
<http://www.instrumentation2000.com>



**Description**

The KOBOLD NK-8000 ultrasonic level switch is a direct replacement for mechanical float type liquid level devices. It provides reliable operation in virtually any free-flowing liquid and eliminates failure caused by the finite operational life inherent in mechanical float designs. The solid-state integral electronics are fully sealed with epoxy. Rugged and reliable, the NK-8000 is designed for years of maintenance-free service.

**Applications**

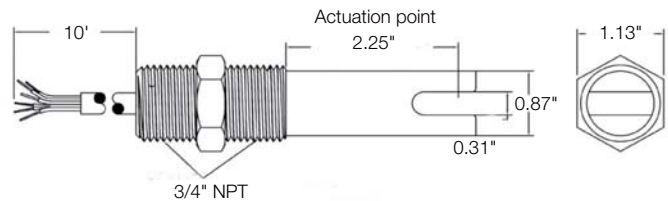
- Pump Protection
- Storage Tanks
- Compressors
- Coolant Reservoirs
- Boiler Water Cut-off
- Chillers
- Hydraulic and Lube Oil Reservoirs



**Specifications**

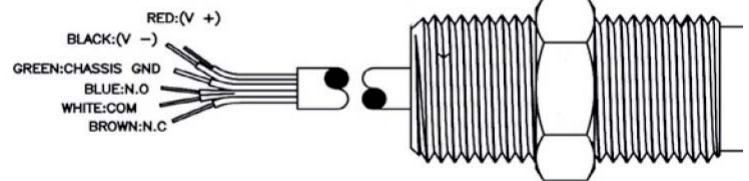
<b>Repeatability:</b>	2 mm or Better
<b>Switching Delay:</b>	0.5 seconds
<b>Input Voltage:</b>	5...30 VDC
<b>Input Current:</b>	100 mA
<b>Output:</b>	SPDT Relay
<b>Max. Current:</b>	1 Amp
<b>Max. Voltage:</b>	30 VDC
<b>Connection:</b>	3/4" NPT
<b>Protection:</b>	Transient, Reverse Polarity
<b>Sensor Material:</b>	316L Stainless Steel
<b>Max. Temperature:</b>	176 °F (80 °C) Standard 212 °F (100 °C) upon request
<b>Max. Pressure:</b>	1000 PSIG
<b>Cable Length:</b>	10 feet standard, longer upon request

**Dimensions**



Note: Actuation points of 6", 12", 18", or 24" available upon request

**Wiring Diagram**



**Order Details**

<b>Model</b>
NK-8000