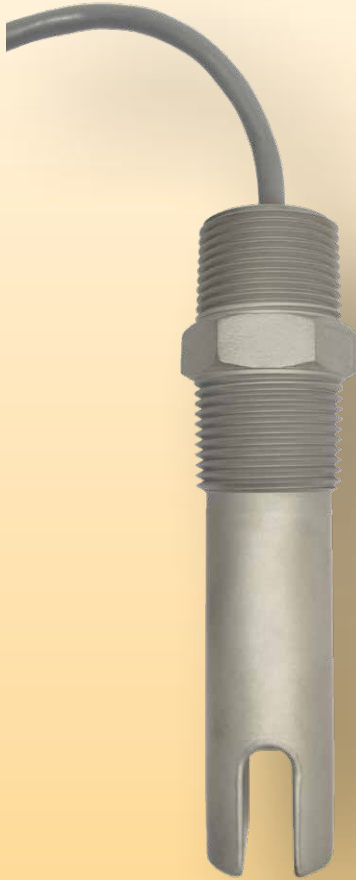


Ultrasonic Level Switch



measuring
•
monitoring
•
analyzing

NK



- 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



KOBOLD companies worldwide:

ARGENTINA, AUSTRALIA, AUSTRIA, BELGIUM, BULGARIA, CANADA, CHILE, CHINA, COLOMBIA, CZECH REPUBLIC, EGYPT, FRANCE, GERMANY, HUNGARY, INDIA, INDONESIA, ITALY, MALAYSIA, MEXICO, NETHERLANDS, PERU, POLAND, REPUBLIC OF KOREA, ROMANIA, SINGAPORE, SPAIN, SWITZERLAND, TAIWAN, THAILAND, TUNISIA, TURKEY, UNITED KINGDOM, USA, VIETNAM

KOBOLD Instruments, Inc.
1801 Parkway View Drive
Pittsburgh, PA 15205
☎ Main Office:
1.800.998.1020
1.412.788.4890
✉ info@koboldusa.com
www.koboldusa.com



Description

The KOBOLD NK 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 is designed for years of maintenance-free service.

Applications

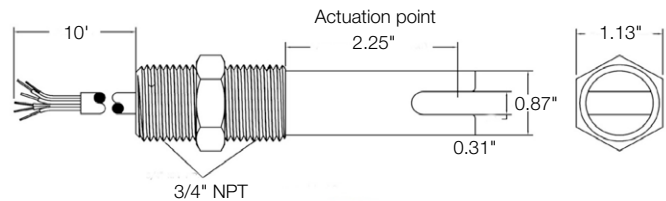
- Pump Protection
- Storage Tanks
- Compressors
- Coolant Reservoirs
- Boiler Water Cut-off
- Chillers
- Hydraulic and Lube Oil Reservoirs



Specifications

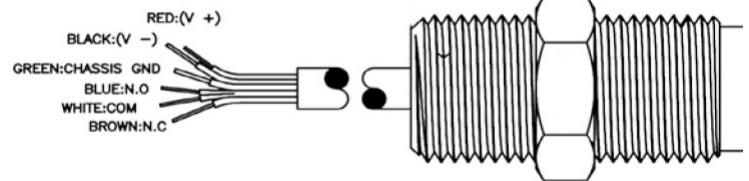
- Repeatability:** 2 mm or Better
- Switching Delay:** 0.5 seconds
- Input Voltage:** 5...30 VDC
- Input Current:** 100 mA
- Output:** SPDT Relay
- Max. Current:** 1 Amp
- Max. Voltage:** 30 VDC
- Connection:** 3/4" NPT
- Protection:** Transient, Reverse Polarity
- Sensor Material:** 316L Stainless Steel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

Dimensions



Note: Actuation points of 6", 12", 18", or 24" available upon request (10 piece minimum)

Wiring Diagram



Order Details

Model	Max Temperature
NK-8000	176 °F
NK-8000HT	212 °F