



TOTAL LEVEL NEWS



The Direction In Level Detection

May 2008

Spring Edition 3

MS50 Multipoint Liquid Level Sensor

K-TEK's **MS50** Multipoint Liquid Level Sensor consists of latching reed switches totally enclosed in a stainless steel chamber (other materials available) and a float containing a magnet that the switches detect. The sensing element (chamber) and the float are normally inserted into the tank through a top process connection and can be mounted to the tank via flange, if desired. However, the unit can usually be mounted with a single 2" MNPT process connection. In addition, the float can generally be installed through the same 2" process connection. A stilling well may be required if the process liquid is in a turbulent state. The **MS50** will provide for the detection of start/stop trip points of either total or interface level in virtually any vessel. These trip points can be used for alarms or to activate a pump motor starter relay.



Multi-float Option for Vibration Applications

Standard Configuration

The **MS50** electric switch is a level sensing device designed for the top mountings of tanks (vessels) and provides electrical contact outputs for point type level sensing. The design accommodates tanks of practically any shape, size or type. Tank depth, type of fluid, changes in specific gravity and the many other variables commonly encountered are in most cases, of little consequence.

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- Visit K-TEK at Booth #524 & 526 at the International Fuel Ethanol Workshop and Expo
- Find a Local Representative

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Ultrasonic Level Measurement
Ultrasonic Level Transmitter with K10 Transducer

- Works in Dusty Environments
- Non-contact Level Measurement
- Narrow Beam Angle

KSONIK

www.ktekcorp.com

MS50 Multipoint Liquid Level Sensor (continued)



Features

- Up To Six SPDT Switches Per Unit (NO & NC Contacts)
- Interface & Total Level Capability
- Trip Point Adjustable Without Removing Vessel From Service
- Vibration Resistant (Multi-Float Option Only)
- Suitable for High Temperature Applications
- 316L Stainless Steel Wetted Parts Standard
- Field Adjustable and Replaceable Switches
- 316/316L Standard, Exotic Alloys & Thermoplastic Available
- Terminal Block(s) Included

Available Materials

- 316 SS
- Hastelloy
- CPVC
- Alloy 20
- C-276
- PVC
- Kynar

Applications

- Butane
- Propane
- Oil
- Chlorine
- Acids
- Water
- Interface



K-TEK's New Compact, Ultrasonic Level Transmitter / Switch Features Variable GAP Technology for Stable Readings in the Most Challenging Environments

K-TEK, a leading manufacturer of state-of-the-art instrumentation for level measurement, today announced the KSONIK MICRO, a compact, low cost, ultrasonic level transmitter / switch designed for liquid and bulk solids level applications. The KSONIK MICRO features Variable GAP technology that allows the instrument to work even in the presence of dust, vapor, or foam.



To view more of this press release, click [HERE](#)

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INTERNATIONAL
FUEL ETHANOL
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VISIT US AT BOOTH # 524 & 526

June 16-19, 2008
Gaylord Opryland Resort & Convention Center
Nashville, Tennessee USA

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