

Ultrasnonic Liquid Level Switch

Brand: Kenco Engineering



Short Description

Product Features Not reliant on chemical properties of the liquid No moving parts Simple installation with no calibration necessary Available in a wide variety of process connection materials Remote self-test to verify operation of the electronics and sensor (Models KUST & KUSG) Vibration Resistant

Description

Ultrasonic switches use piezoelectric crystals to transform electrical energy into mechanical motion (sound). The Transmit Crystal sends a pulse of sound through the space between the crystals, to the Receive Crystal. If the space is filled with air, gas or vacuum, the Receive Crystal does not detect the sound pulse. However, if the space is filled with liquid, any liquid, the pulse is detected by the receive crystal, and the switch output changes. The Model KUST and KUSG are designed for industrial applications. The Model KUSG contains a remote-test feature that allows you to test the operation of the switch and sensor on-demand. The Model KUSO is a low-cost alternative for OEMs (Original Equipment Manufacturers).