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KEFS Electric Float Switch

Brand: Kenco Engineering

Short Description

The KENCO Model KEFS uses a float to determine the presence or absence of liquid in a vessel at the process connection. The float arm assembly consists of a float at one end and a magnet at the other. As the level in the vessel rises, the float rises and the magnet falls. The magnet actuates a second magnet on the other side of the pressure boundary. This second magnet causes the switch to change state.

Description

The pressure boundary contains no seals; it is a solid stainless steel barrier that passes a magnetic field, but no liquids. It is impossible for the process liquid to enter the switch enclosure through this barrier. The electrical contacts consist of a microswitch that can be either a single-pole, Double-throw (SPDT) or Double-pole, Double-throw configuration (DPDT). The SPDT Switch is available with either a 5 Amp or 8 Amp current load. The DPDT Switch is only available with a 4 Amp current load. Features Simple Installation – Switch can be easily installed at the process connection in the vessel wall with simple hand tools KFC External Float Chamber available for indirect switch vessel mounting Multiple Circuitry Options – Available with a 5A SPDT, 8A SPDT or 4A DPDT switch High-Temp Option – 5A SPDT version available with High Temperature rating option up to 400°F (204.4°C) Stainless Steel Body – All wetted parts including switch body are manufactured from 303/304 Stainless Steel. Stainless Steel Float – Float material is 304 Stainless Steel Sealless Switch Barrier – Magnetic switch actuator operates through a solid steel barrier. There are no seals between the process and the switch compartment that could potentially cause a switch failure. Certificate of Authorization including CRN numbers issued for use in Canadian provinces and territories CSA Certified

Product Gallery