

FCI OEM Level Sensors For Liquid, Gas and Foam Applications

Ideal For Boiler Systems, Burners & Industrial Furnaces, Chillers, Air & Gas Compressors,
Blowers & Dryers, Co-Gen Power Generators and Much More



San Marcos, CA—Designers of industrial equipment for process control and manufacturing operations will find the [OEM Series of Level Sensors](#) from [Fluid Components International](#) (FCI) offers superior accuracy, fast response and long-term reliability.

These economical level sensors and switches feature thermal dispersion technology with solid-state or relay contact outputs in a wide range of materials independent of conductivity or dielectric constant and can resist a high degree of coating. Typical applications include point detection in liquid/gas, liquid/liquid, liquid/foam and foam/gas interface applications.

OEM Level Sensors are manufactured in several standard designs including: Two-Wire Loop Powered, Insertion Type with Pigtail, Level and Temperature, Mass Level with Two-Wire Loop Powered, Integral Type, High Temperature and Wet/Dry.

Two-Wire Loop Powered Level Sensors are ideal for applications with installation constraints. Typical level applications include engine oil level monitoring, small container filling, low level alarm and dry to wet indication. FCI's NuTec™ style level switch uses a two-wire control circuit in a NEMA Type 4X and explosion proof enclosure. Wetted parts are 300 series stainless steel.

Insertion Type with Pigtail Level Sensors feature a pigtail connection and remote 4-wire control board that is ideal for small/ confined vessels and difficult to access locations. Wetted parts are 300 series stainless steel. CPVC with 300 series stainless steel or Hastelloy C-22 sensors are also available.

Level and Temperature Level Sensors feature level point detection with an additional output parameter for temperature. The transmitter can be configured to provide a solid state output with changes in level/interface and temperature. Wetted parts are 300 series stainless steel.

Mass Level with 2-Wire Loop Powered Level Sensors feature 2-wire loop powered small circuit board design that enables convenient mounting in customer's control system enclosure. Wetted parts are 300 series stainless steel.

Integral Type and Wet/Dry Level Sensors feature the combination of small size, low cost and no moving parts with 24 Vdc input power to provide the perfect solution for chlorinated water and other corrosive medias as well as other aqueous or hydrocarbon fluids. Wetted parts are CPVC with Hastelloy C-22 sensors. 304 stainless steel, pigtail or M12 connectors are also available for Integral Type sensors, and 316L stainless steel, pigtail or M12 connectors are also available for Wet/Dry sensors.

High Temperature Level Sensors feature pigtail connections from a small sensor to remote electronics for applications with process temperatures up to 450° F. Typical level applications include heating oil and coolant fluid reservoirs. Wetted parts are 300 series stainless steel.

In addition to their standard designs, FCI will create custom designs to OEM specifications. FCI can engineer custom flow or level sensors to meet requirements for any process media, line size, installation environment, temperature, pressure, calibration and output signals. Various sensor designs comply with industry standards, including UL, CE, FM, ATEX, CSA and more. FCI is a registered and certified ISO9001 manufacturer.

Fluid Components International is a global company committed to meeting the needs of its customers through innovative solutions to the most challenging requirements for sensing, measuring and controlling air, gas, liquid, flow, level and temperature.

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