Sensor Meets Food & Beverage Requirements

When Endress + Hauser, a global leader in measurement instrumentation, was developing its Indumax H CLS54 conductivity sensor, it chose Victrex PEEK polymer for the housing because of the material's ability to meet the extreme demands of the food industry. The chemical resistance of the polymer to solvents, acids, and bases ensures that the sensor can be used in direct contact with aggressive media. It also conforms with FDA requirements for repeated food contact. In addition, the housing is free of joints and gaps for optimum hygiene. Its high surface quality eases cleaning and prevents the deposition of particles or the contamination of liquids. The sensor, which is used for inductive conductivity measurement of liquids in the food and beverage industry as well as in the chemical industry, can operate in continuous use temperatures ranging from -10&#176C (14&#176F) to +125&#176C (257&#176F).