

## ***Threaded PVDF antenna offers new applications for radar level transmitter***

Siemens Industry Automation Division, Nuremberg, Germany, has introduced the Sitrans LR250 radar level transmitter with a new threaded PVDF (polyvinylidene fluoride) antenna for liquid and slurry applications. The device has been designed for use in extreme conditions in contact with acids, alkalis and other corrosive chemicals. Examples include sodium hypochlorite, sodium hydroxide, and sulphuric and hydrochloric acid. These applications are not suitable for stainless steel and usually require transmitters to be made from exotic and costly materials.

However, the Sitrans LR250 threaded PVDF antenna is able to withstand such environments while providing a cost-effective solution. It also uses FDA-compliant materials suitable for use in food and beverage, chemical and water treatment applications. It offers measurement ranges up to 20m. Key fields of application include bulk liquid storage tanks, process vessels with agitators, vaporous liquids and low dielectric media.

[www.siemens.com/sitranslr250](http://www.siemens.com/sitranslr250)



***Sitrans LR250 from Siemens Industry Automation Division***