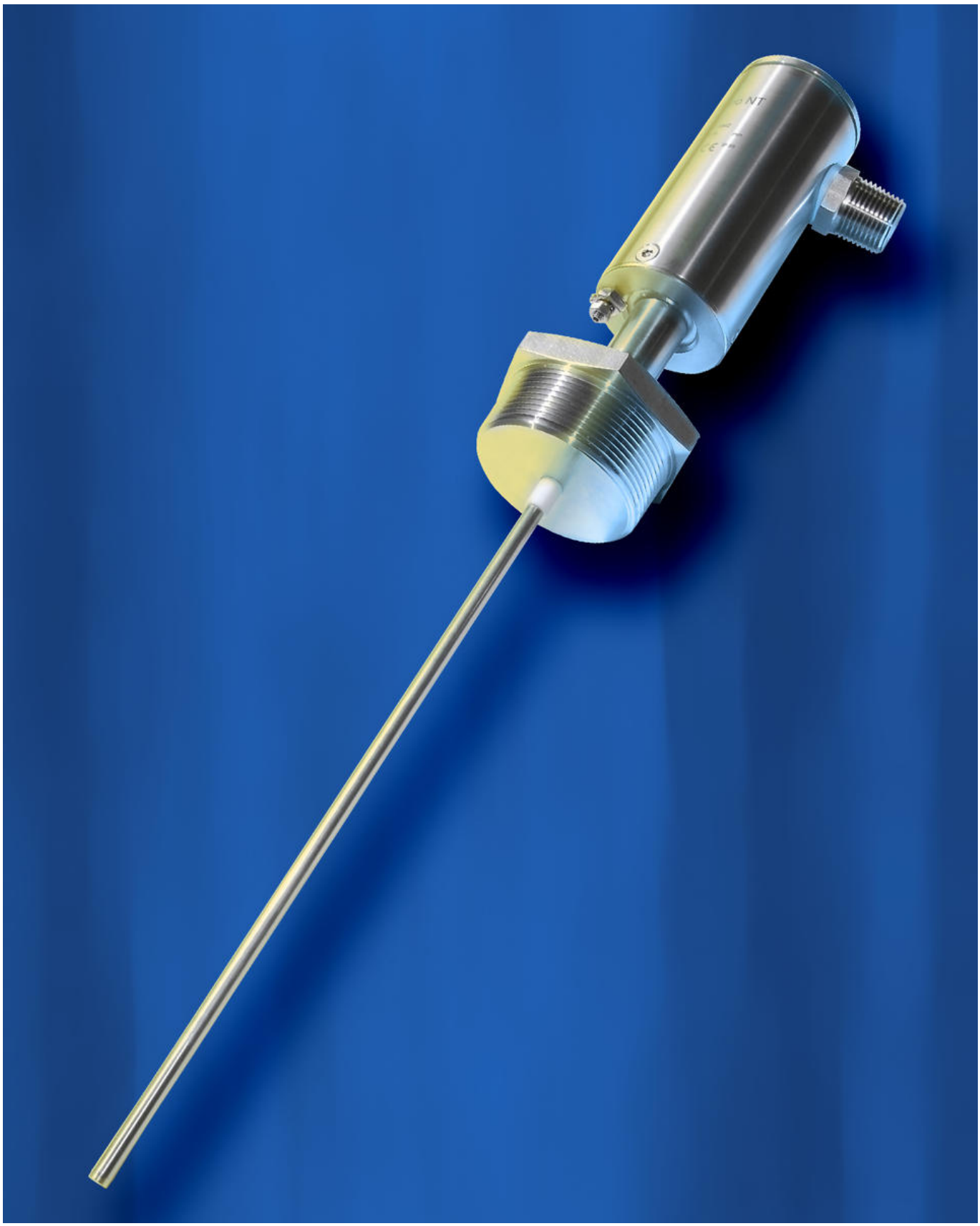
New Capacitive Level Sensor for Non-Contact Detection of Challenging Fluids

MDT Staff



The new CAP-100 Series Capacitive Liquid Level Sensors from Gems Sensors & Controls offers accurate level sensing through the walls of a wide variety of bottle types including plastic, glass, and fiberglass. These compact sensors are ideally suited for medical applications such as waste, reagent, buffer or diluent as well as dark, sticky or viscous fluids. Especially useful for vessels containing biohazardous liquids; the level monitoring is conducted from outside the sealed container. Easy-to-

calibrate, they are available in both aqueous and non-aqueous versions and can be delivered with factory-preset sensitivity for quick installation for OEM orders. They may also be used as a proximity sensor to detect the presence of solids.

The CAP-100 Series is a non-contact/ non-intrusive sensor that senses from outside non-metallic reservoirs or bottles with wall thicknesses to 0.39” (10mm) thick without attaching the bottle. The sensor supports aqueous or non-aqueous liquid detection, with a choice of Wet- or Dry-Sink switch actuation. The sensors, features IP67 protection and measures just 2/25” x 1/18” (57mm x 30mm). They incorporate LED signal and power indicators with an integrated potentiometer allows sensitivity field adjustments. Gems CAP-100 sensors are CE-approved.

For more information, visit: www.GemsSensors.com [1].

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[1] http://www.GemsSensors.com