HZDR Innovation GmbH

Bautzner Landstraße 400 D-01328 Dresden contact@hzdr-innovation.de www.hzdr-innovation.de



NEEDLE PROBE

Product Description

Conductivity needle probes allow the local measurement of phase indicator for analysis of multiphase flow. The needle probes are characterized by a high measurement precision based on triaxial construction and a robust design. The sensors offer high temporal resolution for gas-liquid and liquid-liquid flows. Data analyses (void fraction calculation) with additional software *VoidWizard*.

Specification	 easy mounting by standard compression fittings measurement of conductivity with max. 10 kHz sampling rate tip diameter down to 100 µm temperature: up to 230 °C with PEEK isolators up to 300 °C with ceramic isolators pressure up to 150 bar
Contact	Eckhard Schleicher / Uwe Poepping Helmholtz-Zentrum Dresden-Rossendorf (HZDR) Institute of Fluid Dynamics Tel. +49 351 260-3230 / -2397 e.schleicher@hzdr.de / u.poepping@hzdr.de
(Version 1.3 – Apr 2014)	Manufacturing and distribution under licence of Helmholtz-Zentrum Dresden-Rossendorf by HZDR Innovation GmbH (HZDRI) and GWT-TUD GmbH. Information furnished by HZDRI is believed to be accurate and reliable. However, no responsibility is assumed by HZDRI for its use, nor for any infringements of patents or other rights of third parties that may result from its use. HZDRI reserves the right to make changes without further notice to any products herein.