

Joe Schuler Bio:

Kentron Systems President, Joe Schuler, has been directly involved for over 24 years in the Instrumentation and Control Systems sector. During that time he has presented a number of technical papers on Intrinsic Safety Techniques and Proper Application to the Canadian Electrical Code at ISA meetings in Calgary, Edmonton and Fort McMurray, Alberta.

Mr. Schuler's background includes work for such companies as Hitec Drilling & Marine, MTL Canada Safety Instrumentation, Pembina Controls and Barber Industries. Mr. Schuler has maintained numerous international manufacturer relationships for over 20 years with a focus on the introduction and implementation of leading control system and measurement technologies. He has been involved in the application of various technologies in "BS & W" measurement and Multiphase Metering since 1987.

Brief Presentation Abstract:

The Sentech Water Cut Meters and Interface Level profilers both utilize the unique, patented SeCap (Single electrode Capacitance) technology. The key features of this technology are:

- Full salinity compensation 0-100% Water in Oil/Oil in Water
- Full Bore, Non-intrusive Water Cut 2" to 30" to allow for pigging and no pressure drop
- -40 to 125 Degree Celsius design (250 Degrees Celsius available)
- 450bar (6600psig) pressure
- CSA Approved Class 1, Zone 1 Grps C & D
- Oil density change has only 0.5% effect on calibrated accuracy in Oil Continuous Flow; Less in Water Continuous Flow
- Factory calibration with onsite changes via software if required;
- No external power to Sensor required only coaxial cable and all electronics mounted in non hazardous area up to 300 meters
- Standard Interface to control systems via 4-20Ma; Modbus RS232/485, H1 Foundation Fieldbus
- Profile Measurement System produces Reliable. Accurate, "Real Time" measurement of interface layers of gas, foam (emulsion), oil and water in the substance to be measured.
- Further details available at the website www.sentech.no

