



press release

6th September 2013

Ultra Electronics Nuclear Sensors & Process Instrumentation (“Ultra” or “Ultra Electronics NSPI”)

Nuclear Qualified Pressure Transmitters Designed For Harsh Environments

A new, Class 1E nuclear qualified differential pressure transmitter, designed for use in harsh nuclear power applications, is now offered by Ultra Electronics, Nuclear Sensors & Process Instrumentation (NSPI), of Round Rock, Texas.

The instruments are Class 1E qualified to IEEE 323-1974 and IEEE 344-1987. The DTN2070 transmitter contains only analog electronics, utilizing a diaphragm isolated direct coupled strain gauge pressure sensor capsule. The DTN2070 transmitter is updated to meet the most stringent environmental requirements of Gen III+ reactors for harsh operating environments and post accident monitoring applications inside containment. The DTN2070 has undergone its own complete seismic and environmental qualification. It is suitable for replacement of obsolete or underperforming pressure transmitters at existing nuclear power stations.

Features include advanced thin film metal strain gauge sensor technology, all stainless steel housings. Seismically qualified stainless steel mounting brackets, loop powered 2 wire, 4-20 mA operation, ¼-inch NPT process connections, and dustproof/waterproof construction.

Ultra Electronics, NSPI (formerly Weed Instrument) has been a major supplier to the nuclear power generation market for over 35 years. In addition to pressure transmitters, the company manufactures a broad range of nuclear qualified RTDs, thermocouples and thermowells for both inside and outside containment applications.

For more information on the DTN2070 Nuclear Qualified Pressure Transmitters, contact Dave Robertson, Ultra Electronics, NSPI, 707 Jeffrey Way, Round Rock, Texas 78664. Phone: 512-434-2989, Fax: 512-434-2951
E-Mail: dave.robertson@ultra-nspi.com , Website: www.ultra-nspi.com

-Ends-