



press release

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**Ultra Electronics Nuclear Sensors & Process Instrumentation
("Ultra Electronics NSPI")**

**Ultra Electronics NSPI's
New Multi-Node Multiplexer Supports Daisy Chain and Self-Healing Ring
(SHR) Network Topologies**

Round Rock, TX -- Weed Instrument Co., dba Ultra Electronics Nuclear Sensors & Process instrumentation ("Ultra Electronics, NSPI") announces the release of a new multi-node multiplexer -- the EOTec 2000 Multi-Node MX Multiplexer -- which is designed to transmit up to 16 input channels and unlimited output channels of bi-directional electrical information, from 2 nodes up to 256 nodes, over a pair of single or multimode fiber optic cables.

The new multiplexer base module provides input/output module selections that include 4-20mA, 0-10Vdc and contact closure.

The Multi-Node MX Base Unit connects directly to the fiber optic cable via Small Form-factor Pluggable (SFP) transceivers and provides visual indicators for power, global alarm, and module status as well as the fiber link status. Each base unit has two transceiver ports, supporting both 1300nm and 1550nm wavelengths for either multimode or single-mode optical fiber.

An integrated backplane allows for communications from the base unit to the input/output modules with no need for external inter-modular connections. No programming is required, as input/output configuration is derived via a one-time dip-switch configuration. Power is supplied through redundant external 24VDC power supply terminals.

The I/O Modules are available in 2 and 4-channel versions, and all modules mount on 35mm Din Rail. Applications include remote data acquisition, emissions monitoring, data and signal transmission -- in lightning prone locations, hazardous areas, tank gauging, and conveyors. Markets served include Oil & Gas, Mining, Security, Emissions Monitoring Systems and Automation Control.

For more information on the new Multi-Node MX-Series Multiplexer, contact Mike Wightman at Ultra Electronics, NSPI -- 707 Jeffrey Way, Round Rock, Texas 78680-0300. Tel. 512-434-2830. www.ultra-nspi.com.

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