



WORLDWIDE *The Interface Solution Experts*

Moore Industries-International, Inc.

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Obtain Digital Photograph: <ftp://editors.miinet.com>, go to the News Release folder, open the LRX Low Power Temperature Transmitter folder, and download either LRX photo (jpeg or tif)

FOR IMMEDIATE RELEASE

LRX Low-Power Temperature Transmitter Ideal for Use with Solar or Battery Power

Moore Industries' LRX Low-Power Temperature transmitter has an exceptionally low power consumption of only 3mA, perfect for sites where line power is not available.

NORTH HILLS, CA— The LRX Low-Power Temperature Transmitter is designed for oil and gas well-heads and similar installations where line power is not available. With an exceptionally low power consumption of only 3mA, the LRX mounts in remote or infrequently accessed field locations where solar or battery power systems are used.

The LRX accepts a three-wire 100 Ohm platinum RTD, K-type thermocouple, or direct millivolt input. It converts the input to a 1-5Vdc signal for direct interface with readout instruments, recorders, DCSes, PLCs and computer-based SCADA systems.

It will operate accurately in a wide range of ambient temperature conditions from -45°C to +82°C (-50°F to +180°F), and in humidity of 0-95%, non-condensing.

Accuracy is $\pm 0.15\%$ of span, including the combined effects of linearity, hysteresis and repeatability. Zero and Span are set from front panel potentiometers.

Electrical protection includes transient protection on the output to 24V, reverse polarity protection on the output, and standard RFI/EMI immunity of 10V/m@80-1000MHz when tested to IEC61326. An RF option provides RFI/EMI immunity of 20V/m@80-1000MHz.

For installation in harsh environments, the LRX can be ordered in a tough explosion-proof NEMA 4X (IP66) enclosure.

For more information, contact Moore Industries-International, Inc., 16650 Schoenborn St., North Hills, CA 91343, U.S.A; Telephone: (818) 894-7111; FAX: (818) 891-2816; E-mail: info@miinet.com; Web Site: www.miinet.com

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