



WORLDWIDE *The Interface Solution Experts*

Moore Industries-International, Inc.

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FOR IMMEDIATE RELEASE

EPX² Voltage-to-Pressure (E/P) Transmitter can use natural gas as its pneumatic supply

The EPX² can be used in remote locations where it is too expensive or impossible to run a clean instrument air supply.

NORTH HILLS, CA— The EPX² E/P transmitter from Moore Industries is designed for use with normal instrument air, but it can also be used with natural gas, making it possible to use the transmitter in remote locations where no electrical power is available to drive air compressors. Its extremely low power requirement of 3mA@12Vdc allows it to be powered by a battery or solar panel at remote sites. Applications include offshore oil platforms, natural gas wellheads, oil wells, pipelines and similar locations that are far from electrical power.

The three-wire EPX² Voltage-to-Pressure (E/P) Transmitter accepts a voltage input signal from a DCS, PLC or PC-based control system and converts it to a pneumatic signal for control of valves, actuators and other pneumatically-controlled devices. Accuracy is $\pm 0.25\%$ of span including the combined effects of linearity, hysteresis and repeatability. It maintains accuracy even when the supply pressure fluctuates between 20 and 40psig.

The EPX² has a NEMA 4X explosion-proof housing and is protected from environmental problems, including dirt, noise and temperature extremes. A large orifice, combined with an easily replaceable internal filter, protects against clogging caused by debris. The EPX² has RFI/EMI protection, shock and vibration protection that meets SAMA PMC 31.1, and it works in temperatures from -40°C to +85°C (-40°F to +185°F) and humidity of 0-100%RH, non-condensing.

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