The Interface Solution Experts

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FOR IMMEDIATE RELEASE



Four Signal Conditioner Channels in a 1 Inch Footprint

NORTH HILLS, CALIF.—In the instrumentation world, panel space equals money. Moore Industries has addressed this requirement for very narrow instruments with their new miniMOORE family of multi-channel analog signal conditioners. miniMOORE delivers up to four low-cost I/O channels in a 1 inch (25.4 mm) footprint, which equates to 0.25 inch (6.35 mm) per channel.

Providing 1000Vrms input-to-output and channel-to-channel signal isolation, the complete miniMOORE family can be used to isolate, convert, boost and split analog signals.

Despite their slight size, miniMOORE signal conditioners feature the company's rugged, industrial metal housings. The metal housing is fundamental in providing superior protection against the unpredictable and harmful effects of radio frequency (RFI) and electromagnetic (EMI) interference that is common in most every industrial environment. Sources of RFI/EMI include walkie-talkies, motors, transformers and even fluorescent lights.

miniMOORE signal conditioners come in compact 2-channel and 4-channel models. The 2-wire (loop) and universal AC/DC 4-wire (line/mains) powered versions accommodate every available industrial power supply.

On the 2-channel versions, a conveniently located DIP-switch is used to select analog input types of 4-20mA, 0-5V, 1-5V or 0-10V. A low-cost 4-channel model accepts 4-20mA inputs. Both 2- and 4-channel models provide isolated 4-20mA outputs ready for interface with an indicator, recorder, DCS, PLC or PC-based SCADA system.

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