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When you need to interface field processes with computer-based systems, readout equipment, and other instrumentation... our technology, services and expertise help you do it efficiently, safely and cost-effectively.

Temperature Sensors, Transmitters and Assemblies
Take a weak, low-level RTD or thermocouple signal and convert it to a high-level analog signal more suitable for transmission through a noisy plant, and ready for direct interface with an indicator, recorder, PLC, DCS or SCADA system.

Signal Transmitters, Isolators and Converters
Convert, isolate, spool, boost and step down process signals so field instruments can interface directly with indicators, recorders, DCS, PLC and SCADA systems.

Temperature Monitoring
Precisely control and monitor a temperature, pressure, liquid level or flow process variable in batch and continuous processes, or back up critical or safety-related loops under emergency conditions.

Indicators and Displays
Take a process input signal from a transmitter loop and view real-time process status in rugged and hazardous field environments.

Limit Alarm Trips and Switches
Provide on/off control, warn of trouble, or provide emergency shutdown by sending one or more alarm (relay) outputs when a monitored process signal falls outside of a selected high and/or low limit.

Process Control and Distributed IO Networks
Eliminate expensive point-to-point wires by sending just a few—or thousands of—process monitoring and control signals between the field and control room on one digital communication link.

Fieldbus Device Couplers and Power Supplies
Deliver a fast and easy way to connect, protect, power and terminate multiple fieldbus devices in FOUNDATION Fieldbus and PROFIBUS PA segments.

Functional Safety - IEC 61508
Monitor, alarm or shutdown critical and hazardous processes, measure critical temperatures, isolate a Safety Instrumented System (SIS) loop while passing HART data, or split critical signals while passing HART data.

Limit Alarm Trips and Switches
Provide on/off control, warn of trouble, or provide emergency shut- down by sending one or more alarm (relay) outputs when a monitored process signal falls outside of a selected high and/or low limit.

Interface Solution
Line Card