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INDUSTRIAL AUTOMATION SOLUTIONS

ANALYTICAL GAS









- Natural Gas Analyzers
- Tunable Diode Laser Spectrometers
- Process Gas Chromatographs
- SO₂ Analyzers
- **CEMS Analyzers**

- Mass Spectrometers Analyzers
- Gas Density Analyzers
- Electric Heated Instrumentation Analyzer Bundles
- Advanced Reflux Sampler

CONDITION & VIBRATION MONITORING









- **Protection and Condition Monitoring** Systems
- Diagnostic Software
- Wireless Vibration Monitoring
- Sensors and Transmitters
- Custom Cabinets, Panels & Enclosures
- Portables
- Condition Monitoring Services & Training

DATA ACQUISITION







- Chart Recorders
- Data Acquisition Software
- Data Loggers

- High Speed Data Acquisition
- Portable Data Acquisition
- Panel Mount Recorders

DENSITY





Point Detector

ANALYTICAL LIQUID









- Aluminum Oxide
- Conductivity Analyzers
- **Conductivity Sensors**
- Dissolved Oxygen Analyzers
- Dissolved Oxygen Sensors
- Fourier Transform Near-Infrared Analyzers
- Liquid Density Analyzers
- ORP Analyzers
- **ORP Sensors**
- pH Analyzers pH Sensors
- Turbidity Analyzers
- Tunable Diode Laser

CONTROL









- Configuration Tools
- Distributed Control System
- Limit Controllers
- Manual Setters
- Panel Indicators
- PID Controllers **Process Controllers**

- Program Controllers
- Programmable Logic Controllers Safety Instrumented Systems
- SCADA Systems
- Single Loop Controllers
- Temperature Controllers

PRESSURE









- Absolute Pressure
- Differential Pressure
- Digital Pressure Gauges
- Draft Pressure
- Gauge Pressure
- Hammer Union Pressure Transducers

- Low-Flow Pressure
- Mass Flow (Multi-Variable) Pressure
- Multi-Sensing
- Pressure Transducers
- Submersible Pressure Transducers
- Instrument Enclosures

































FIXED GAS AND FLAME DETECTION









- Controllers
- Fire and Gas Systems
- Flame Detectors
- Gas Detectors/Monitors
- Mobile Gas Detection

- IR and Laser Based Open Path Gas Detectors
- Fire and Gas Mapping
- **Engineering Studies**

INSTRUMENT ENCLOSURES









- Full Enclosures
- Draft Transmitter Enclosure
- Partial & Flexible Enclosures

LEVEL









CONTINUOUS LEVEL MEASUREMENT

- Guided Wave Radar
- Magnetic Level Indicator (MLI)/Bridle
- Magnetostrictive
- Nuclear (Radiation Based)
- Radar (Pulse Burst)
- RF Capacitance
- Ultrasonic (Non-Contact)

DENSITY LEVEL MEASUREMENT

DISPLACER LEVEL MEASUREMENT

- Displacer Controllers
- Displacer Switches
- Displacer Transmitters

LEVEL SWITCHES

- Displacer Switches
- External Cage Switches
- Float Level Switches
- Thermal Dispersion Switches

MAGNETIC LEVEL INDICATOR (MLI)/ BRIDLE

- Aurora ®
- Magnetic Level Indicator
- Magnetostrictive

POINT LEVEL MEASUREMENT

- Nuclear (Radiation Based)
- Ultrasonic (Contact)
- Vibration Level

SIGNAL CONDITIONING & ISOLATION SOLUTIONS









- AC Power Transducers & Monitors
- Displays & Enclosures
- Functional Safety
- Hart/Modbus Signal Converters

- I/P Converters
- **Isolators and Converters**
- Limit Alarm Trips
- Remote I/O

HEAT TRACE









- Electric Heated Instrumentation Analyzer Bundles
- Steam Traced Bundles
- CEMS Bundles
- Tubing
- Installation Services

FLOW









- Coriolis Flow Meters
- Magnetic Flow Meters
- Thermal Gas Mass Flow Meters
- Ultrasonic Liquid Flow Meters
- Variable Area Flow Meters
- Vortex Flow Meters

MOISTURE MEASUREMENT









- TDLAS Moisture Analyzers
- Quartz Crystal Moisture Analyzers

TEMPERATURE







Temperature Sensors and Transmitters

- Flexible Temperature Transmitters
- · Ready-To-Install Assemblies
- Remote I/O For Temperature

WIRELESS & TELEMETRY









- Chemical Injection System
- **Custom Automation**
- Field Monitor Display
- Hazardous Location
- Wireless and Telemetry Accessories
- Wireless I/O
- Wireless Sensors & Networks

VALVES









- **Butterfly Valves**
- **Ball Valves**
- Control Valves

- Actuators
- Automation Controls