
GILSON ENGINEERING MIDSTREAM INDUSTRY GUIDE

www.gilsoneng.com



Instrumentation and Control Products for Gas Production & Transmission Companies

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p 800-860-4499
f (407)444-0335

JACKSONVILLE, FL

391 Ahern Street
Atlantic Beach, FL 32233
p 800-860-4499
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Compressor Station

Compressor Pocket Valve Feedback: [Turck Proximity Switches](#)
Gas, Fire and Flame Detection: [MSA X5000](#), [Open Path \(OPIR\)](#), [Flamegard MSIR](#), [General Monitors S5000](#), [IR5500](#), [IR4000H](#)

Lube Oil/Knock Out Pot Levels: [Siemens LG250](#), [LR250](#), [FCI FLT93](#),
[Quest-Tec Magnetrac](#)

Lube Oil Temperature: [Moore RTI](#), [Siemens TS500](#)

Lube Oil Pressure: [Siemens DSIII](#), [Neo-Dyn Switches 100P](#)

Lube Oil Flow: [FCI FLT93](#), [UFM SN](#), [MN](#)

Drip Fluids Handling: [ProMag Autopump](#)

Glycol Flow Metering: [Veris Verabar](#), [Accelabar](#), [Malema KPM](#)

Slug Tank Level: [Siemens LG250](#), [LR250](#), [Electrolab 2100 Float](#), [2100 RU Flex Float Level](#)

Magnetic Bridle Level Indicators: [Quest-Tec Magnetrac](#)

Gas Pressures Inlet and Outlet: [Siemens DSIII](#)

Wireless Monitors: [Banner DX99](#), [OleumTech](#), [Elpro 905U](#), [915](#)

Differential Pressure Flows: [Veris Verabar](#), [Accelabar](#), [Siemens DSIII](#)

Ultrasonic Clamp on Check Meters: [Siemens FUG1010](#)

Fuel Gas Flow: [Veris Verabar](#), [Accelabar](#), [Siemens DSIII](#)

Valve Positioners: [Siemens PS2](#)

Engine Panel:

Pressure Switches: [ITT Neo-Dyn](#)

Temperature Transmitters: [Moore Industries TDZ3](#)

Thermocouples & RTD's: [SSI](#), [Moore Industries RTI](#)

Indicating Meters: [Precision Digital PD6000](#), [PD765](#)

Remote I/O & IS Barriers: [Turck](#)

Surge Suppressors: [Emerson/EDCO](#)

Safety/Alarm Trips: [Moore Industries SPA2](#), [STA](#)

Rotation (Frequency) Monitors: [AI-Tek \(Airpax\)](#), [Moore Industries SFY](#)

Pressure Gauges: [Dwyer](#)

[Turck Quick Disconnect Process Wiring](#)

Storage Vessels

Tank Level (fuel, slop oil, drip fluids, methanol, glycol, etc):



Airborn Radar: [Siemens LR250 FEA](#)

Guided Wave Radar (Interface): [Siemens LG250](#)

RF Capacitance: [Siemens CLS 200](#)

Floats: Quest-Tec [Magnetrac](#), [Electrolab 2100 OleumTech H Series](#)

Wireless Monitors: [Banner DX99](#), [OleumTech, Elpro 905U](#)

High Level or Spill Protection: [Siemens LVL200, CLS200, FCI FLT 93, Electrolab 2100 with high level shutdown, OleumTech](#)

Gas and Flame Detection: [MSA X5000, OPIR, Flamegard MSIR, General Monitors S5000, IR5500, IR4000H](#)

Remote I/O: [Elpro 905U Wireless, Banner Wireless DX99, OleumTech Wireless, Turck BL67 Remote I/O, Moore Industries NCS Remote I/O](#)

Processing Plants

Methanol Injection Valves: [Jordan Valve JCVS](#)

Methanol Injection Flowmeters: [Siemens FC430 Coriolis, Veris Verabar, Accelabar](#)

Mercaptan Level: [Siemens LG250, LR250 FEA, Quest-Tec Magnetrac Bridles](#)

Liquids Storage Level: [Siemens LG250, LR250 FEA, Quest-Tec Magnetrac Bridles](#)

Wireless Monitoring: [Banner DX99, OleumTech, Elpro 905U](#)

Signal Conditioning: [Moore Industries ECT, SIX, HIM, HIX](#)

Stand Alone Local Alarming: [Moore Industries SPA2, STA](#)

Classified Area Cabling: [Turck Cordsets](#)



SIL Rated Instruments: Moore Industries STA, STZ, SSX, SST, SRM , Siemens DSIII, LG250, MSA X5000 Flamegard5 MSIR, GM S5000, IR4000H, FCI FLT93

Pressure: Siemens DSIII, ITT Neo-Dyn 100P Pressure Switches

Valve Positioners: Siemens PS2

Flare Gas Metering: FCI Thermal Mass ST1000, Siemens Ultrasonic FUG1010

Flow: FCI Thermal Mass ST100, Siemens FC430 Coriolis and FS230/FUG1010 Ultrasonic, Veris Verabar, Accelabar

Gas Injection & Extraction Flow: Siemens FUG 1010 Ultrasonic, FC430 Coriolis

Remote Monitoring



Wireless Telemetry: Elpro, Banner, OleumTech
Remote Power (Solar): Ameresco, Mr Solar
Power Generation: Genetherm, 5030, 5120, 5220, 8550

Remote I/O: Turck BL67, Moore Industries NCS

Metering Stations



Catalytic Heater Gas

Regulators: Jordan Valve mk60, mk67

Pressure Transmitters: Siemens DSIII, Neo-Dyn 100P

Wireless Monitors: Banner DX99, OleumTech, Elrpo 905U

Temperature Transmitters: Moore Industries TDZ3, Siemens TH300

Flow Check Meter: Siemens FUG 1010, FCI ST100

Flow Metering: Veris DP

Verabar, Accelabar, FCI ST100, Siemens FUG1010, FS230

Power Generation: Genetherm, 5030, 5120, 5220, 8550

Pipeline



Valve Positioners: [Siemens PS2](#)
I/P Converters: [Moore Industries IPX2](#) (with Natural Gas Supply Pressure Certification)
Cathodic Protection I/O: [Elpro Wireless 945](#),
[Moore Industries CPMS](#), [Gentherm AutoCP](#)
Solar Panels: [Ameresco](#), [Mr Solar](#)
Power Generation: [Genetherm](#), [5030](#), [5120](#),
[5220](#), [8550](#)
Temperature Transmitters: [SSI T/C's RTD's](#),

[Siemens TH300/TS500](#), [Moore Industries TDZ3](#), [RTI1/2](#)

Pressure – [Siemens DSIII](#), [Neo-Dyn 100P Switch](#)

Wireless Monitors: [Banner DX99](#), [OleumTech](#), [Elpro 905U](#), [945](#)

Flow Monitors – [FCI ST100 meter](#), [FLT93 switch](#),

[Siemens FUG1010/FS230 Ultrasonic](#), [Veris Verabar](#), [Accelabar DP](#)