

## PRESSURE MEASUREMENT

### SOLENOID VALVES

- Control critical flow of air, gas, water, oil and steam in applications spanning numerous industries
- Types: General Service, Electronically Enhanced, Dust Collector Valves, Minature Valves, Process Valve Automation, Fuel Gas & Oil Products, Proportional Valves, Navy/Marine, Nuclear Valves, Air Operated Valves & Special Service Valves

### PROCESS, INSTRUMENT AND DIFFERENTIAL PRESSURE GAUGES

- Gauges for gauge, absolute and differential pressure
- Choice of measuring systems including bourdon tube, diaphragm element and capsule element technologies
- Cover scale ranges from 0-0.2" H<sub>2</sub>O to 0-85,000 psi and indication accuracies of up to 0.1 %.

### PRESSURE SWITCHES

- Industrial and aerospace products such as compact adjustable switches, pressure switches, hazardous area switches, vacuum switches, temperature switches & more.

## FLOW INDICATION

### SIGHT FLOW INDICATION

- Sight flow indicators provide a window into piping. The process flow stream can be monitored by observation through the glass window. Special mechanisms can be mounted in most sight flow indicator models to enhance visibility when observing a liquid.

### ROTAMETERS, PURGEMETERS AND ARMoured ROTAMETERS

- Flow meters for readout, transmission and control of fluid rate for most industrial process applications. Target applications are refineries, oil & gas, power, industrial water and municipal water & wastewater

### MIXING AND PUMPING EDUCTORS

- Low-cost alternatives to mechanical mixing methods which provide a more thorough mixing action than either mechanical mixing or air sparging.



## LEVEL MEASUREMENT

### TRANSPARENT AND REFLEX GLASS LEVEL GAUGES

- Flat glass gages provide direct observation of liquid level in a process vessel. The process liquid level and liquid characteristics can be observed through the glass as it rises and falls in the gage chamber.
- Boiler Level Indication per ASME Code are available.
- On site Level Gauge Audits can be performed to help determine the health of that equipment. This is not Brand specific.
- 24/7 Custom built Level Gauge ability to help with response time for those critical delivery needs.
- 24/7 Level Gauge Repair ability

### MAGNETIC LEVEL GAUGES

- Provides an enhanced secure link between the indicator and float. The view housing is sealed and consists of a single column assembly of aluminum flags within an extruded aluminum channel. These flags are anodized with black on one side and gold on the other. Each flag houses a small magnet and is assembled on an individual axle. Optional magnetically coupled clamp on transmitters and switches available for the magnetic liquid level gauge.

### LEVEL SWITCHES

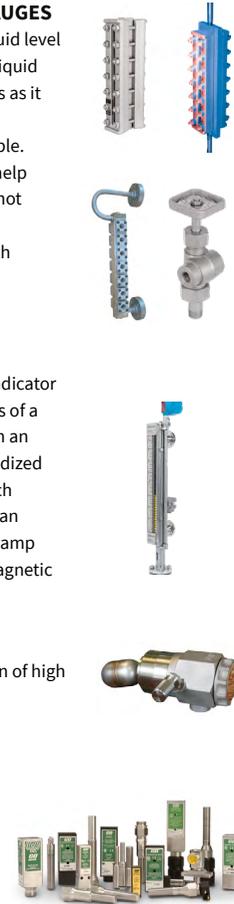
- Switch for annunciation/pilot signal for indication of high level to an annunciator, controller or PLC.

## PROXIMITY INDICATION

### PROXIMITY SWITCHES

#### POSITION INDICATION BOXES

- The most versatile sensing solution. It detects like a proximity switch and functions like a limit switch, providing higher reliability when conventional switches fail.



## TEMPERATURE MEASUREMENT

### BIMETAL THERMOMETERS RTD, THERMOCOUPLES TEMPERATURE SWITCHES THERMOWELLS

- A broad range of temperature indication and control equipment, including but not limited to, a no drift type K thermocouple used in furnace and heater controls. Increasing temperature accuracy, tube life and reliability.

## TUBING AND FITTINGS

### SINGLE FERRULE TUBE FITTINGS DOUBLE FERRULE TUBE FITTINGS FLARED TUBE FITTINGS SPECIAL ALLOY TUBE FITTINGS & VALVES STRAIGHT TUBING JOINTS ROLLED TUBING, TUBING STRAIGHTENERS INSTRUMENTATION VALVES

- We provide the largest single-site, vertically integrated supplier of fitting, valve, and tubing systems in the industry. We aim to be the installer's supplier of choice, delivering our 100% Made in the USA products with first-rate speed, precision, and control.



## SERVICE & SUPPORT

- ANALYZER SERVICE STARTUP AND MAINTENANCE
- STEAM SYSTEM SURVEYS
- STEAM TRAP SURVEYS
- LEVEL INDICATION SURVEYS
- TUBE SKIN THERMOCOUPLE
- INSTALLATION INSPECTION

24/7 SERVICE  
**225-751-3788**  
JOHNHCARTER.COM

**CONTROLWORX**  
A John H. Carter Company

BRANDS



ANDERSON GREENWOOD  
ASCO PENBERTHY YARWAY



## INSTRUMENTATION LOCATIONS

### Corporate Office

17630 Perkins Rd.  
Baton Rouge, La 70810  
225-751-3788

### Lafayette Office

401 Wall St.  
Lafayette, La 70506  
337-233-8331

### Metairie Office

2728 N. Arnoult Rd.  
Metairie, La 70002  
504-887-8550

### Mobile Office

2203 Perimeter Rd. Ste 300  
Mobile, AL 36615  
251-653-9898

### Shreveport Office

9656 St. Vincent Ave.  
Shreveport, La 71106  
318-861-0168

### Sulphur Office

650 East Highway 108  
Sulphur, La 70665  
337-583-8420



## RELATED SOLUTIONS

ASSET MANAGEMENT SERVICES  
CONTROLWORX: SERVICE & SUPPORT SOLUTIONS  
CONTROL AND SAFETY SYSTEM SOLUTIONS  
EDUCATION SERVICES  
ENGINEWORX: ENGINE & COMPRESSOR SOLUTIONS  
FISHER CONTROL VALVES & FLOW SOLUTIONS  
MEASUREMENT SOLUTIONS

MECHANICAL RELIABILITY SOLUTIONS  
PPE: PROCESS PUMPS & EQUIPMENT  
PRESSURE MANAGEMENT SOLUTIONS  
INDUSTRIAL & NAURAL GAS REGULATORS  
VALVES & AUTOMATION SOLUTIONS  
WATER & WASTEWATER SOLUTIONS

## STEAM AND UTILITIES PRODUCTS

Products and Services to meet all of your Steam and Utility needs. From Air, Nitrogen to Steam, we have you covered. Surveys and Engineering reviews to propose best practices and the best equipment.

- DRIP AND TRACE TRAPS
- DRIP LEGS
- PROCESS TRAPS
- CONDENSATE PUMPS
- LET DOWN VALVES
- DESUPERHEATERS
- BOILER DRUM LEVEL INDICATION

## VALVES AND REGULATORS

We supply a wide range of standard and custom engineered pressure control solutions for a diverse, global market. Whether your needs are components like regulators and instrumentation valves or pressure systems and assemblies, we provide expert application and customer support for simple industrial applications or highly complex projects.

- HIGH PRESSURE LET DOWN REGULATORS
- INSTRUMENT MANIFOLD VALVES
- INSTRUMENT GAUGE VALVES
- SPECIAL ALLOY VALVES



## ANALYZERS

### HYDROCARBON IN WATER ANALYZERS

- Measuring Hydrocarbon content in water to PPB.
- Run Off water, Waste water, Condensate recovery systems. Anywhere small amounts of hydrocarbon are not acceptable in water.

### WATER IN HYDROCARBON ANALYZERS

- Used to detect down to 1% if water in oil. Storage Tank Dewatering, Emulsification detection, Desalters. Anything that has oil and you need to monitor the water content in the oil.

### FILTRATION, ODORIZATION, MEASUREMENT SYSTEMS AND SAMPLING SYSTEMS.

- Oil and gas application in up stream production and refining.
- Custody Transfer Applications.



## INDUSTRIAL EQUIPMENT AND SERVICES

### LIGHTENING & SURGE PROTECTION

Our services include the development of concepts for external lightning protection systems and range from simple office and administration buildings and parts of installations to large industrial plants for all kinds of industry sectors such as:

- Photovoltaics
- Biogas
- Petrochemical industry
- Power stations

We develop overall concepts for isolated and conventional air-termination systems of complex installations in line with the IEC 62305 standard on behalf of, for example, architects, electrical consultants and lightning protection companies.

- Site Surveys
- A well designed lightning & surge protection system is paramount for a successful installation. With its more than 100 years of experience, DEHN provides assistance to end users, contractors and engineers to develop an Engineered protection system.



### COMPLETE STEAM SYSTEM SURVEYS

- Inspect Steam systems including Traps, Drip Legs, Valves, Pressure relief, Desuperheaters, Insulation, Condensate Recovery Systems, and other components included in the Steam System.
- Suggested improvements are reported with quantifiable results.

### LEVEL GAUGE FIELD AUDITS

- Field inspection of all level gauges
- Suggested improvements are reported with quantifiable results.

### START-UP/COMMISSIONING & MAINTENANCE SERVICES

- Products like Agar Interface Detection, Turner Designs Oil in Water Monitors and even the installation of Tube Skin Thermocouples, require services for start up and commissioning. We can provide those services
- These same products require routine Maintenance Services too. We can contractually perform those routine maintenance.

## SERVICE & SUPPORT

ANALYZER SERVICE STARTUP AND MAINTENANCE

STEAM SYSTEM SURVEYS

STEAM TRAP SURVEYS

LEVEL INDICATION SURVEYS

TUBE SKIN THERMOCOUPLE

INSTALLATION INSPECTION

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