



Measurement & Instrumentation 2005 Product Catalog on CD



**“Creating Quality by
Connecting Technology to Life”**

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**Measurement & Instrumentation
2005 Product Catalog**

Flow

**Conductivity/
Resistivity**

pH/ORP

**Temperature,
Pressure,
Level**

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**George Fischer Signet, Inc.
Contact and Sales Information**



Measurement & Instrumentation 2005 Product Catalog

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- [Features and Benefits](#)
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**The NEW 2551
Signet Magmeter**





Measurement & Instrumentation 2005 Product Catalog

Conductivity/
Resistivity

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**2850 In-line and
Submersible versions**





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pH/ORP

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Wet-Tap System

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[2716-WT and 2717-WT Twist-Lock](#)

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Preamplifiers

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**2750/2760 Sensor
Electronics/Preamplifier**



**2764-2774 DryLoc®
Differential Electrode**





Measurement & Instrumentation 2005 Product Catalog

Temperature,
Pressure,
Level

Before you start:

[Features and Benefits](#)

Sensors

[2350 Temperature Sensors](#)

[2450 Pressure Sensors](#)

Digital Display Instruments

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Other Products

[8058 Signal Converter](#)

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Signet 515 Rotor-X Paddlewheel Flow Sensor

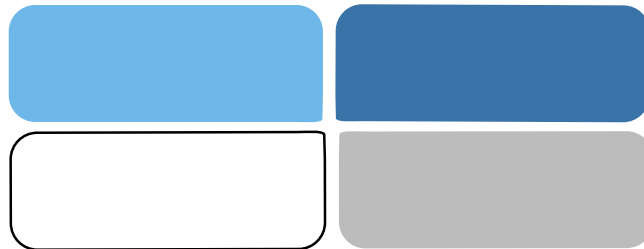


Description

Simple to install with time-honored reliable performance, Model 515 Rotor-X paddlewheel flow sensors are highly repeatable, rugged sensors that offer exceptional value with little or no maintenance. The output signal of the Model 515 is a sinusoidal frequency capable of driving a self-powered flowmeter (Model 3-5090). The wide dynamic flow range of 0.3 to 6 m/s (1 to 20 ft/s) allows the sensor to measure liquid flow rates in full pipes and can be used in low pressure systems.

The Model 515 sensors are offered in a variety of materials for a wide range of pipe sizes and insertion configurations. The many material choices include PP, PVDF, and Tefzel makes this model highly versatile and chemically compatibility to many liquid process solutions. Sensors can be installed in up to DN900 (36 in.) pipes using Signet's comprehensive line of custom fittings. These custom fittings, which include tee's, saddle's, and weldolets, seat the sensor to the proper insertion depth into the process flow. The sensors are also offered in configurations for wet-tap and intrinsically safe installation requirements.

Click on button(s) below for more information.



Compatible Signet Instruments, Accessories, Fittings

[8550 Flow Transmitter](#)

[8900 Multi-Parameter Controller](#)

[8150 Battery Powered Flow Totalizer](#)

[5090 Sensor Powered Flow Monitor](#)

[5600 Batch Controller](#)

[5500 Flow Monitor](#)

[5075 Totalizing Monitor](#)

[Integral Mount ProcessPro® Transmitters](#)

[Accessories](#)

[Fittings](#)

Signet 2536 Rotor-X Paddlewheel Flow Sensor

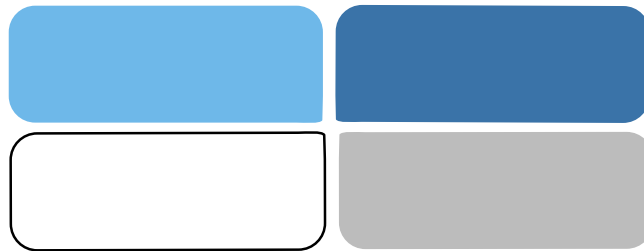


Description

Simple to install with time-honored reliable performance, Model 2536 Rotor-X paddlewheel flow sensors are highly repeatable, rugged sensors that offer exceptional value with little or no maintenance. The Model 2536 has a process-ready open collector signal and has a wide dynamic flow range of 0.3 to 6 m/s (0.3 to 20 ft/s). The sensor measures liquid flow rates in full pipes and can be used in low pressure systems.

The Model 2536 sensors are offered in a variety of materials for a wide range of pipe sizes and insertion configurations. The many material choices including PP, PVDF, and Tefzel makes this model highly versatile and chemically compatibility to many liquid process solutions. Sensors can be installed in DN 15 to DN 800 (0.5 to 36 in.) pipes using Signet's comprehensive line of custom fittings. These custom fittings, which include tees, saddles, and weldolets, seat the sensor to the proper insertion depth into the process flow. The sensors are also offered in configurations for wet-tap installation requirements.

Click on button(s) below for more information.



Compatible Signet Instruments, Accessories, Fittings

[8550 Flow Transmitter](#)

[8900 Multi-Parameter Controller](#)

[5600 Batch Controller](#)

[5500 Flow Monitor](#)

[5075 Totalizing Monitor](#)

[Integral Mount ProcessPro® Transmitters](#)

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Signet 3519 Flow Wet-Tap Valve

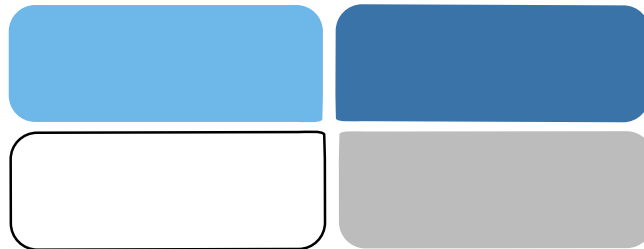


Description

The Signet 3519 Flow Wet-Tap Valve serves as a unique interface between the installation fitting and the wet-tap style Signet 515 or 2536 Rotor-X flow sensor. It provides a fast method of removing the sensor from the pipe under specified operating pressures. The PVC & stainless steel design of the Wet-Tap makes it resistant to corrosion and chemical attack by acids, alkalies, salt, and a number of other harsh chemicals.

The Signet 3519 Wet-Tap Valve mounts directly onto standard Signet installation fittings (click on link below). The 3519 Wet-Tap consists of a flange and support plate that threads onto the pipe fitting insert, and a PVC ball valve through which an extended length sensor is inserted into the pipe.

Click on button(s) below for more information.



Compatible Signet Instruments, Accessories, Fittings

[515 Rotor-X Paddlewheel Flow Sensor](#)

[2536 Rotor-X Paddlewheel Flow Sensor](#)

[8550 Flow Transmitter](#)

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[5090 Sensor Powered Flow Monitor](#)

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Signet 525 Metalex™ Paddlewheel Flow Sensor

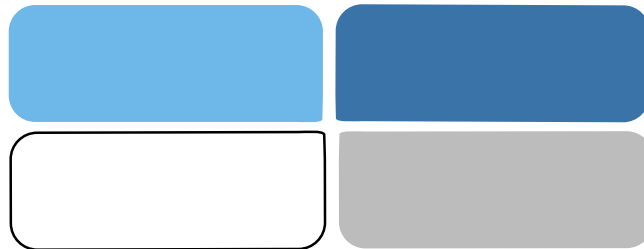


Description

The Signet 525 Metalex Paddlewheel Flow Sensor combines stainless steel construction with insertion paddlewheel technology. The result is a highly reliable sensor suitable for operation at extreme pressures and temperatures. The Tungsten Carbide shaft and Fluoroloy B® bearing provides excellent wear resistance for extended service.

A comprehensive fitting program allows installation in steel lines with the mini-block for small diameters, and either the mini-tap or saddle for pipes up to DN300 (12 in.). The self-generating output signal allows use with any battery operated flow totalizer, including the new 8150.

Click on button(s) below for more information.



Compatible Signet Instruments, Accessories, Fittings

[8550 Flow Transmitter](#)

[8900 Multi-Parameter Controller](#)

[8150 Battery Powered Flow Totalizer](#)

[5075 Totalizing Flow Monitor](#)

[5600 Batch Controller](#)

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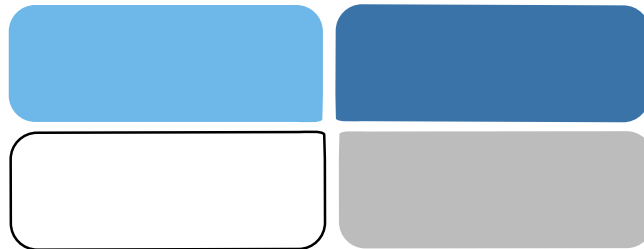
Signet 2517 Brass Paddlewheel flow Sensor



Description

The Signet 2517 paddlewheel flow sensors offer added strength and durability of brass construction for a variety of applications. The wide flow range of 0.5 to 6 m/s (1.6 to 20 ft/s) allows the sensor to measure liquid flow rates in full pipes and can be used in low pressure systems. Fluoroloy B[®] bearings and a Tungsten Carbide pin provide exceptional wear resistance. The 2517 brass sensor signal allows for remote totalization when coupled with the 8150 battery operated Flow Totalizer. Sensors can be installed in DN 40 to DN 600 (1.5 to 24 in.) pipes using the 1.5 inch (or ISO 7/1-R 1.5) threaded process connection. The sensors are also offered in a hot-tap configuration with a bleed valve for installation in pipes up to DN 900 (36 in.) and allows for servicing without process shutdown.

Click on button(s) below for more information.



Compatible Signet Instruments, Accessories, Fittings

[8550 Flow Transmitter](#)

[8900 Multi-Parameter Controller](#)

[8150 Battery Powered Flow Totalizer](#)

[5075 Totalizing Flow Monitor](#)

[5600 Batch Controller](#)

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Signet 2540 Stainless Steel Flow Sensor

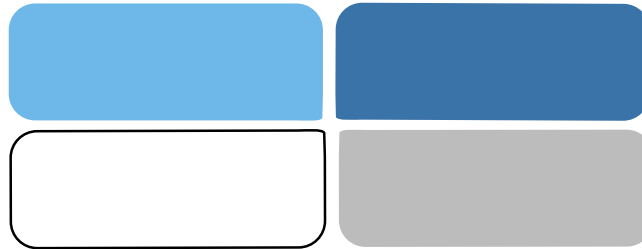


Hot-Tap Version
shown

Description

The Signet 2540 Paddlewheel flow sensor offers the strength and corrosion resistance of stainless steel for liquid applications with low velocity measurements. Unique internal circuitry eliminates the need for magnets in the process fluid, enabling flow measurement of 0.1 to 6 m/s (gpm) while maintaining the advantages of insertion sensor design. Fluoroloy B® bearings and Tungsten Carbide pin provide exceptional wear resistance. The model 2540 offers field replaceable electronics and transient voltage suppression (TVS) to provide greater immunity to large voltage disturbances (ie. lightning) sometimes encountered in field wiring. Sensors can be installed in DN40 to DN600 (1.5 to 24 inch) pipes using the ISO 7/1-R 1.5 (or 1.5 inch) threaded process connection. The sensors are also offered in a hot-tap configuration with a bleed valve for installation in pipes up to DN800 (36 inches) and service without process shutdown. Both styles of sensors must be used in full pipes and can be used in low pressure systems.

Click on button(s) below for more information.



Compatible Signet Instruments, Accessories, Fittings

[8550 Flow Transmitter](#)

[8900 Multi-Parameter Controller](#)

[5600 Batch Controller](#)

[5500 Flow Monitor](#)

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Signet 2100 Turbine Flow Sensor

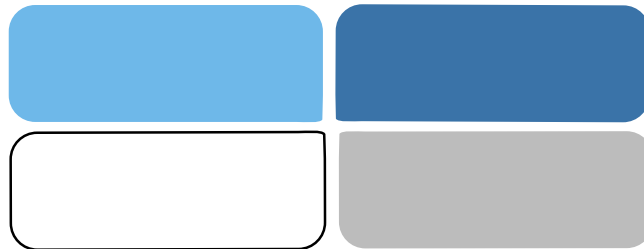


Description

Engineered specifically for small diameter applications, the Signet 2100 Turbine Flow Sensor provides accurate readings in two flow ranges: 0.3 to 3.8 lpm and 3 to 38 lpm (0.1 to 1 gpm and 0.8 to 10 gpm).

The injection-molded PVDF body and ceramic bearings provide excellent chemical compatibility and long service in dosing and batching applications. Union piping and tubing connections along with removable NEMA 4X electronics allow for easy assembly and field replaceability. The 2100 can be used with DN6 (1/4 in.), DN10 (3/8 in.), DN12 (0.5 in.) tubing, or DN15 (0.5 in.) piping for simple installation. End connections are available in PVDF for hose barbs, flare ends, fusion socket or IR/butt fusion, and in PVC for socket or NPT thread.

Click on button(s) below for more information.



Compatible Signet Instruments, Accessories, Fittings

[8550 Flow Transmitter](#)

[8900 Multi-Parameter Controller](#)

[5600 Batch Controller](#)

[5500 Flow Monitor](#)

[5075 Totalizing Monitor](#)

[Accessories](#)

[Fittings](#)

Signet 2000 MicroFlow Rotor Sensor

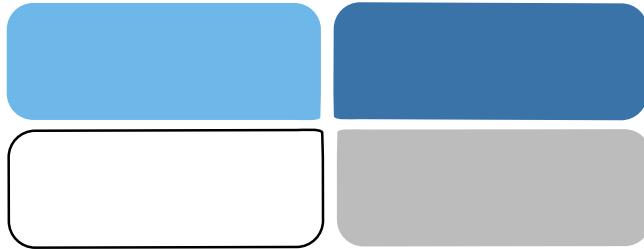


Description

The Signet 2000 MicroFlow Rotor Sensor is constructed of Polyphenylene Sulfide (PPS) which provides high material strength. The 2000 offers two flow ranges starting at 0.11 or 1.13 lpm (0.03 or 0.3 gpm), for clean process liquids, regardless of fluid color or opacity.

This sensor can be connected to flexible tubing or rigid pipe, and uses standard hardware for mounting. Only one moving part and a low pressure drop across the sensor reduces operating costs and maintenance requirements.

Click on button(s) below for more information.



Compatible Signet Instruments, Accessories, Fittings

[8550 Flow Transmitter](#)

[8900 Multi-Parameter Controller](#)

[5600 Batch Controller](#)

[5500 Flow Monitor](#)

[5075 Totalizing Monitor](#)

[Accessories](#)

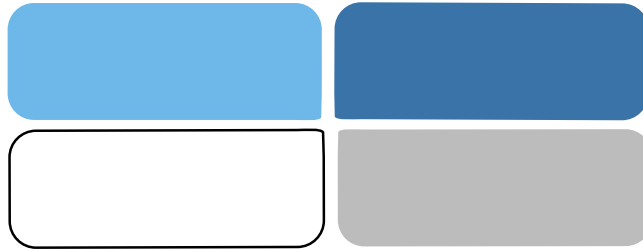
Signet 2507 Mini Flow Sensor



Description

The Signet 2507 Mini Flow Rotor Sensor contains a free-running rotor that is driven by the fluid flow. Within the given measurement range, the rotational speed of the rotor is proportional to the fluid flow rate. Permanent magnets built into the rotor trigger an electronic switch in the top of the sensor creating a square-wave output. Both opaque and transparent fluids can be measured with kinematic viscosities between 0.2 to 20.0 centistokes.

Click on button(s) below for more information.



Compatible Signet Instruments, Accessories, Fittings

[8550 Flow Transmitter](#)

[8900 Multi-Parameter Controller](#)

[5600 Batch Controller](#)

[5500 Flow Monitor](#)

[5075 Totalizing Monitor](#)

[Accessories](#)

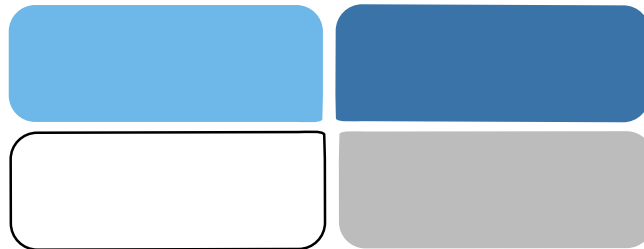
Signet 2550 Electromagnetic Flow Sensor



Description

Rugged construction allows the Signet 2550 Electromagnetic Flow Sensors, otherwise called magmeters, to be installed in fluid conditions where other sensors would fail, such as high particle concentration. It features a bipolar pulsed DC drive which prevents coating of the stainless steel electrodes. Suited for pipe sizes DN 50 to DN 300 (2 to 12 in.), easy maintenance, and features a local display and state-of-the-art microprocessor technology.

Click on button(s) below for more information.



Compatible Signet Instruments, Accessories, Fittings

[8550 Flow Transmitter](#)

[8900 Multi-Parameter Controller](#)

[5600 Batch Controller](#)

[5500 Flow Monitor](#)

[5091 Current Loop Monitor](#)

[5075 Totalizing Monitor](#)

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Signet 2551 Electromagnetic Flow Sensor

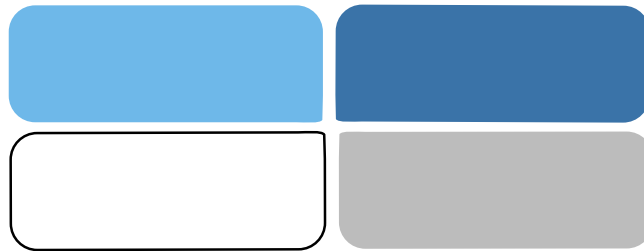


Description

The Signet 2551 Magmeter is an insertion style magnetic flow sensor that features no moving parts. All versions are constructed of corrosion-resistant materials to provide long-term reliability with minimal maintenance costs. Utilizing the comprehensive line of Signet installation fittings, sensor alignment and insertion depth is automatic.

These versatile, simple-to-install sensors deliver accurate flow measurement over a wide dynamic range in pipe sizes ranging from DN15 to DN200 (0.5 to 8 inches), satisfying the requirements of many diverse applications. Signet 2551 Magmeters offer a variety of output options for use with Signet flow instrumentation using a frequency or digital (S³L) output. The blind transmitter (4 to 20mA output) or digital sensor interface is available for long distance signal transmission. Flow velocity measurement is compensated for temperature via an integrated temperature sensor.

Click on button(s) below for more information.



Compatible Signet Instruments, Accessories, Fittings

[8550 Flow Transmitter](#)

[8900 Multi-Parameter Controller](#)

[5075 Totalizing Monitor](#)

[5500 Flow Monitor](#)

[5600 Batch Controller](#)

[5091 Loop Current Monitor](#)

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Signet 7000/7001 Vortex Flow Sensors



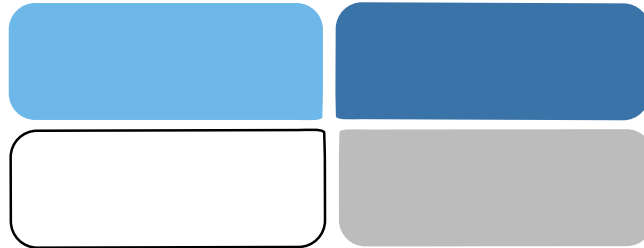
Description

The Signet Vortex Flow Sensors provide extremely accurate and reliable flow measurement with no moving parts. Material choices of PVC, PP, or PVDF accommodate applications ranging from chemical delivery to deionized water distribution.

The sensors are injection-molded to achieve a smooth surface finish for cleanliness and better chemical compatibility, that also drastically reduces manufacturing inconsistencies and in-service particulation associated with machined surfaces. All HP or high-purity versions are lot-traceable, molded in a dedicated high purity environment, precleaned for ultrapure service, and double-bagged in PA6/PE packaging. A variety of end connector options simplify installation and allow unparalleled configuration versatility.

The sensors feature either frequency output or fixed 4 to 20 mA current output, and can be used with the comprehensive offering of Signet flow instrumentation to achieve enhanced system functionality. Integral transmitters with local displays and many additional features are available as accessories, or select from a wider variety of panel-mount flow instrumentation.

Click on button(s) below for more information.



Compatible Signet Instruments, Accessories, Fittings

[8550 Flow Transmitter](#)

[8900 Multi-Parameter Controller](#)

[5600 Batch Controller](#)

[5500 Flow Monitor](#)

[5075 Totalizing Monitor](#)

[5091 Current Loop Monitor](#)

[Accessories](#)

Signet 3300/3500 Ultrasonic Flow Monitor



Description

The Signet 3300 Ultrasonic Flow Monitoring System advances the use of Doppler ultrasound technology in flow measurement by utilizing proprietary "Advance Spectrum" signal processing in measuring the entire flow stream. The result is reliable, power-efficient, low cost of ownership, liquid flow monitoring in open or closed channels.

The Signet 3300 includes features tailored to meet common requirements in a variety of applications like municipal water/wastewater, industrial waste, etc.

The Signet 3300 system can be equipped with up to three 4 to 20mA outputs for interfacing to loggers, telemetry systems or PLC's for long-term monitoring or an RS232 local connection to laptops or pocket PCs. This vandal-resistant unit features dual password protected local or remote downloading of logged data. Both velocity and velocity/depth combination sensors have no moving parts and lend minimal obstruction in the flow stream.



Click on button(s) below for more information.



Signet 5075 ProPoint™ Totalizing Flow Monitor



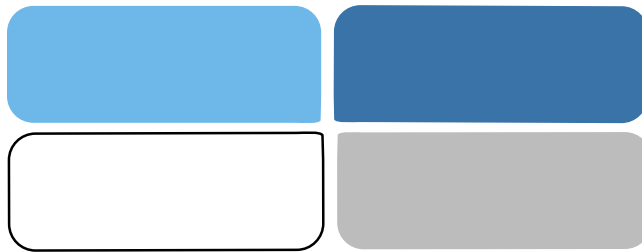
Description

The Signet 5075 Totalizing Flow Monitor features a traditional analog dial for flow rate at a glance while the backlit LCD provides precision flow rate, total volume and programming information.

Significant features of this 5075 include user selectable analog dials, permanent and resettable totalizers and pulse outputs at sensor frequency and at totalizer scale, The 5075 is powered by any 12 to 24 VDC or VAC power source.

Connect to any of Signet's flow sensors for a classic flow meter system in a 21st century package.

Click on button(s) below for more information.



Compatible Signet Sensors and Accessories

[515 Rotor-X Paddlewheel Flow Sensor](#)

[2536 Rotor-X Paddlewheel Flow Sensor](#)

[525 Metalex™ Flow Sensor](#)

[2100 Turbine Flow Sensor](#)

[2000 Mini-Flow Sensor](#)

[2507 Micro Flow Sensor](#)

[2517 Brass Paddlewheel Flow Sensor](#)

[2540 Stainless Steel Flow Sensor](#)

[2550 Electromagnetic Flow Sensor](#)

[7000 Vortex Flow Sensor](#)

[Accessories](#)

Signet 5090 ProPoint™ Sensor-Powered Flow Monitor

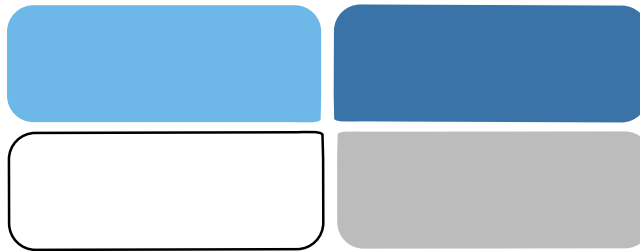


Description

The Signet 5090 Sensor Powered Flow Monitor is the simplest and economical instrument in the Signet product offering. It features a 200 μ A balanced-spring meter movement that is powered by the AC output of the venerable Signet 515 Paddlewheel Flow Sensor. No additional power source is required.

This unique system is suitable for a wide range of flow rates, and is Factory Mutual (FM) approved for intrinsic safety without the need for barriers. Packaged in a 1/4 DIN housing with a NEMA 4X/IP65 front panel, the 5090 is the first choice for simple flow monitoring, even in the most demanding industrial environments.

Click on button(s) below for more information.



Compatible Signet Sensors and Accessories

[515 Rotor-X Paddlewheel Flow Sensor](#)

[Accessories](#)

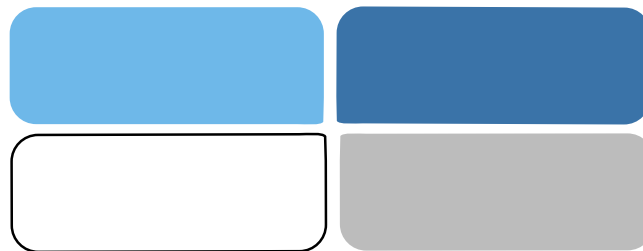
Signet 5091 ProPoint™ Loop Current Monitor



Description

Simply wire the Signet 5091 Current Monitor in series with any 4 to 20 mA loop, and obtain a visual indication of process conditions anywhere in your plant. No additional power or connections are required. A reversible slide-in dial is provided to display either the 4 to 20 mA loop signal directly, or 0 to 100% (of full scale). The needle is capable of dropping below 4 mA and pegging above 20 mA, so unusual conditions are easy to recognize. An assortment of decals is included to customize the display for any process variable. The 5091 is also compatible with Signet instruments and other manufacturer's instruments with 4 to 20mA output.

Click on button(s) below for more information.



Compatible Signet Sensors and Accessories

[2350 Temperature Sensor](#)

[2450 Pressure Sensor](#)

[2850 DryLoc™ Conductivity Sensor](#)

[2550 Electromagnetic Flow Sensor](#)

[2551 Electromagnetic Flow Sensor](#)

[2750 DryLoc™ pH/ORP Sensor](#)

[7001 Vortex Flow Sensor](#)

[Accessories](#)

Signet 5500 ProPoint™ Flow Monitor



Description

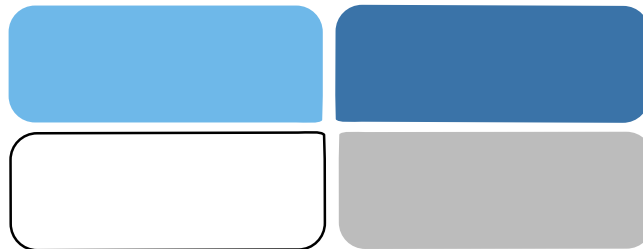
The Signet 5500 ProPoint™ Flow Monitor is an instrument that comes fully equipped with all of the basic tools needed for monitoring and controlling a flow system. The analog dial enables the user to easily read instantaneous flow rate, while the backlit LCD is useful for calibration, set-up, and displaying totalized flow volume. The 5500 features a standard 1/4 DIN package and removable wiring terminals. Power the instrument with any standard 24-volt power supply (AC or DC).

Connect any one of Signet's wide array of flow sensors, then consider which output features are best for your application. Two dry-contact relays can be configured for High or Low alarm operation, or they can be set to pulse operation for chemical dosing applications.

Use the internally powered 4 to 20mA output, programmable from the front keypad, to send the flow information to any PLC or data logger.

If you use all of these output features, you still have two more output pulse terminals, one at sensor frequency, the other triggered by the totalizer. And just for added convenience, the resettable totalizer can be reset by a remote switch, up to 30m (100 ft.), or from the front keypad.

Click on button(s) below for more information.



Compatible Signet Sensors and Accessories

[515 Rotor-X Paddlewheel Flow Sensor](#)

[2536 Rotor-X Paddlewheel Flow Sensor](#)

[525 Metalex™ Flow Sensor](#)

[2100 Turbine Flow Sensor](#)

[2000 Mini-Flow Sensor](#)

[2507 Micro Flow Sensor](#)

[2517 Brass Paddlewheel Flow Sensor](#)

[2540 Stainless Steel Flow Sensor](#)

[2550 Electromagnetic Flow Sensor](#)

[7000 Vortex Flow Sensor](#)

[Accessories](#)

Signet 5600 ProPoint™ Batch Controller



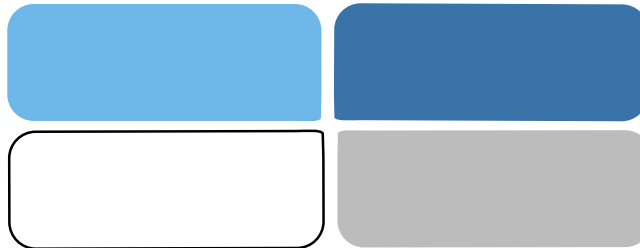
Description

The Signet 5600 Batch Controller provides control capability and process fine-tuning in a familiar package. The programming interface uses a four-button keypad and an intuitive procedure for adjusting a batching system to the best performance possible.

The standard 1/4 DIN package houses an analog display panel that features a batch status indicator with count-up or count-down dials. The backlit LCD displays flow rate and volume information and batch status, as well as calibration and set-up instructions. The front of the unit is NEMA 4X/IP65 and is hard-coated, high-impact and UV resistant polycarbonate.

The 5600 operates on 12 to 24 Volt power, either AC or DC. Removable terminal connections make wiring the 5600 easy. Connect any Signet flow sensor with a frequency output, then add connections to two relays for two-stage shut-down or overrun alarm functions, connect a remote start-stop switch and use the end-of-batch pulse to trigger the next step in the process. A 4 to 20mA output is also available. Advanced features include a user-set security code, an automatic calibration option, and overrun compensation.

Click on button(s) below for more information.



Compatible Signet Sensors and Accessories

[515 Rotor-X Paddlewheel Flow Sensor](#)

[2536 Rotor-X Paddlewheel Flow Sensor](#)

[525 Metalex™ Flow Sensor](#)

[2100 Turbine Flow Sensor](#)

[2000 Mini-Flow Sensor](#)

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[2517 Brass Paddlewheel Flow Sensor](#)

[2540 Stainless Steel Flow Sensor](#)

[2550 Electromagnetic Flow Sensor](#)

[7000 Vortex Flow Sensor](#)

[Accessories](#)

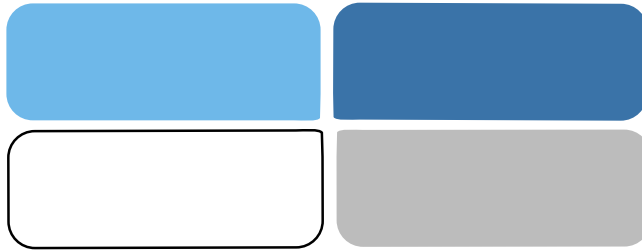
Signet 8150 Battery Powered Flow Totalizer

Description

The Signet 8150 Battery Operated Flow Totalizer is compatible with the Signet 515, 525 and 2517 flow sensors, and will provide years of dependable operation. The large digital display indicates flow rate and totalized flow volume simultaneously. One of the three totalizers is resettable from the front panel or a remote location, while the second resettable totalizer can only be reset by entering a user-selectable security code. Meanwhile, the third is a permanent non-resettable totalizer.

Our intuitive software design and four-button keypad provide for simple operation while setting screen displays and programming the system. Calibration can be easily performed by entering the Auto-Cal feature and entering a value to match an external reference. Screen displays can be modified to suit the user's needs; along with the flow rate, any of the three totalizers can be selected as the displayed totalizer. Customers can quickly scroll through the totalizers simply by pressing any key on the keypad. A display averaging feature is included for applications where the flow in the pipe fluctuates. For applications where flow stops and starts due to production needs, a no-flow indicator will display the hours of non-flow.

Click on button(s) below for more information.



Compatible Signet Sensors and Accessories

[515 Rotor-X Paddlewheel Flow Sensor](#)

[525 Metalex™ Flow Sensor](#)

[2517 Brass Paddlewheel Flow Sensor](#)

[Accessories](#)

Signet 8550 ProcessPro® Flow Transmitter

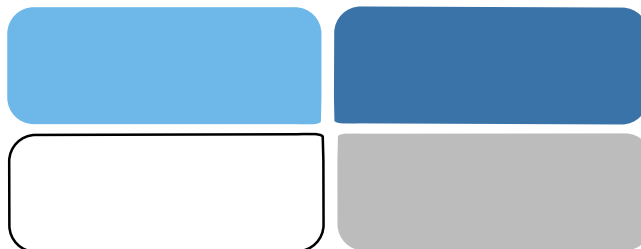


Description

Signet 8550 Flow Transmitters are advanced instruments that convert the signal from all Signet flow sensors into a 4 to 20 mA signal for long distance transmission. Configuration flexibility is maximized with single or dual input/output, two optional relays for process control, two packaging options for integral/pipe mount or panel installation, and scalability for virtually any flow range or engineering unit. State-of-the-art electronic design ensures long-term reliability, signal stability, and simple user setup and operation.



Click on button(s) below for more information.



Compatible Signet Sensors and Accessories

[515 Rotor-X Paddlewheel Flow Sensor](#)

[2536 Rotor-X Paddlewheel Flow Sensor](#)

[525 Metalex™ Flow Sensor](#)

[2100 Turbine Flow Sensor](#)

[2000 Mini-Flow Sensor](#)

[2507 Micro Flow Sensor](#)

[2517 Brass Paddlewheel Flow Sensor](#)

[2540 Stainless Steel Flow Sensor](#)

[2550 Electromagnetic Flow Sensor](#)

[7000 Vortex Flow Sensor](#)

[Accessories](#)

Signet 8900 Multi-Parameter Controller

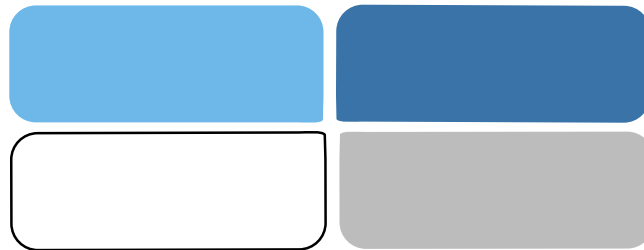


Description

The Signet 8900 Multi-Parameter Controller takes the concept of modularity to the extreme. Each 8900 is field commissioned with the users specified combination of inputs, outputs, and relays using simple-to-install modular boards into the base unit. To assemble a controller, there is a choice of two base units offered with a choice of back-lit LCD or vacuum fluorescent display. Then, continue building with a selection of plug-in modules for either two, four, or six input channels which accepts any of the Signet sensors listed below, and/or other manufacturer's sensors via a 4 to 20mA signal converter (Signet Model 8058). To complete your unit, choose a power module with universal AC line voltage or 12 to 24 VDC. If more features are needed, analog output and relay modules are available and easily installed. Plus, the 8900 will support up to four additional relays via an external relay module.

There are other notable features that the 8900 offers. For instance, digital input to the 8900 enables longer cable runs and simplified wiring with minimal noise interference. Advanced relay logic provides operators an "and/or" logic to produce hi/low alarms. Derived measurements include difference, sum, ratio, percent recovery, percent rejection, and percent passage (BTU pending). The menu system can be programmed to display in multi-languages including English, German, French, Spanish, Italian, and Portuguese.

Click on button(s) below for more information.



Compatible Signet Sensors and Accessories

[515 Rotor-X Paddlewheel Flow Sensor](#)

[2536 Rotor-X Paddlewheel Flow Sensor](#)

[525 Metalex™ Flow Sensor](#)

[2100 Turbine Flow Sensor](#)

[2000 Mini-Flow Sensor](#)

[2507 Micro Flow Sensor](#)

[2517 Brass Paddlewheel Flow Sensor](#)

[2540 Stainless Steel Flow Sensor](#)

[2550 Electromagnetic Flow Sensor](#)

[2551 Electromagnetic Flow Sensor](#)

[7000 Vortex Flow Sensor](#)

[2450 Pressure Sensor](#)

[2350 Temperature Sensor](#)

[2750 DryLoc™ pH/ORP Sensor](#)

[2850 DryLoc™ Conductivity Sensor](#)

[8058 Signal Converter](#)

[Accessories](#)

Signet Integral Mount ProcessPro® Instruments

Flow, Conductivity, Pressure and Temperature Measurements



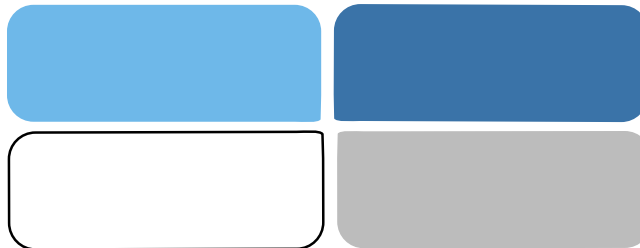
*Flow Integral
Unit Pictured*

Description

Signet offers a full line of ProcessPro® instruments that mount integrally onto compatible flow, conductivity, temperature, and pressure sensors. Each integral mount instrument features a local display with an easy to read 2 x 16 character dot matrix LCD. The large push button keypad makes it easy to navigate through the instrument's menu for performing calibrations and setting outputs and relays.

All instruments offer a scalable 4 to 20 mA output and optional relays for process control. The state-of-the-art instrument electronics ensures long-term reliability, signal stability, and simple user set-up and operation. Various sensor parameters are offered for use in the integral mount configuration. Parts can be ordered individually; use the ordering matrices to guide you on how to build any unit.

Click on button(s) below for more information.



Compatible Signet Sensors and Accessories

[515 Rotor-X Paddlewheel Flow Sensor](#)

[2536 Rotor-X Paddlewheel Flow Sensor](#)

[2450 Pressure Sensor](#)

[2350 Temperature Sensor](#)

[2839-2842 Dual-Threaded Conductivity Electrodes](#)

[Accessories](#)

2714-2717 Twist-Lock pH/ORP Electrodes

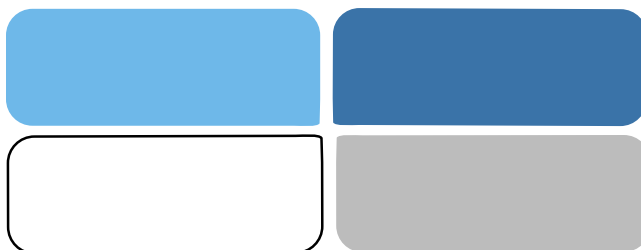
2720 Twist-Lock Preamplifier



Description

Feature-packed Signet 2714-2717 Twist-Lock pH & ORP Electrodes provide unsurpassed simplicity, reliability and accuracy for a wide variety of industrial applications. Rugged construction, large reference volume and intelligent positioning of internal elements combine to extend the service life of these dependable and highly responsive electrodes. Flat versions allow sediment and particles to sweep past the measurement surface, minimizing risks of abrasion, breakage and coating. The unique Twist-Lock design enables sensor connections to the Signet 2720 Preamplifier in one easy motion. The integral temperature sensor built into the pH electrode or the I.D. resistor in the ORP electrodes is used for automatic sensor recognition by Signet pH/ORP instrumentation, adding convenience and versatility to our systems.

Click on button(s) below for more information.



Compatible Signet Instruments and Accessories

(Electrode must be used with the 2720 Preamplifier)

[8750 pH/ORP Transmitter](#)

[5700 pH/ORP Monitor](#)

[Fittings](#)

[Accessories](#)

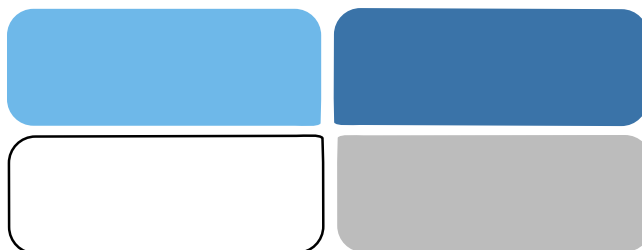
2754-2757 DryLoc® pH/ORP Electrodes



Description

The Signet 2754-2757 pH and ORP Electrodes feature a unique foul-proof DryLoc® connector with gold-plated contacts designed specifically for use with the Signet 2750 and 2760 Sensor Electronics. These dependable and highly responsive electrodes feature a large reference volume and intelligent positioning of internal elements that combine to extend the service life. The electrodes are offered with either flat or bulb sensing elements. The flat versions allow sediment and particles to sweep past the measurement surface, minimizing the risks of abrasion, breakage and coating. The bulb versions can be used for general purpose applications and are also offered with a glass body for use with the 3719 Wet-Tap Assembly.

Click on button(s) below for more information.



Compatible Signet Instruments and Accessories

(Electrode must be used with either the 2750 Sensor Electronics or 2760-3, -4 Connector)

[8900 Multi-Parameter Controller](#)

[Fittings](#)

[Accessories](#)

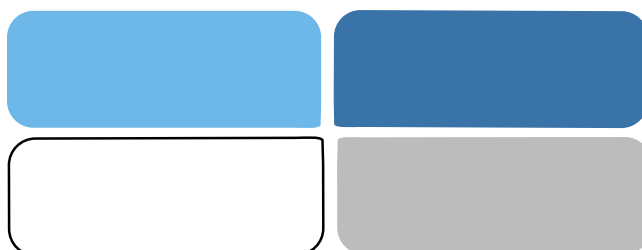
2774-2777 Threaded DryLoc® pH/ORP Electrodes



Description

The Signet 2774-2777 pH and ORP electrodes feature a unique foul-proof DryLoc® connector with gold-plated contacts designed specifically for use with the Signet 2750 and 2760 preamplifiers, sensor electronics, and connectors. These dependable and highly responsive electrodes feature a Teflon™ double reference junction and a large reference chamber that combine to extend the service life. Embedded positioning of the temperature element in the pH/ORP sensing allows the temperature response to be quick and accurate. The electrodes are offered with either flat or bulb style sensing elements. The flat versions allow sediment and particles to sweep past the measurement surface, minimizing risks of abrasion, breakage and coating. The bulb versions can be used for general-purpose applications. Due to the specially designed chambers which keep electrolyte in place, all versions can be mounted at any angle, even inverted.

Click on button(s) below for more information.



Compatible Signet Instruments and Accessories

(Electrode must be used with either the 2750 Sensor Electronics or 2760 Preamplifier)

[8900 Multi-Parameter Controller](#)

[8750 pH/ORP Transmitter](#)

[5700 pH/ORP Monitor](#)

[Accessories](#)

2764-2767 Differential DryLoc® pH/ORP Electrodes



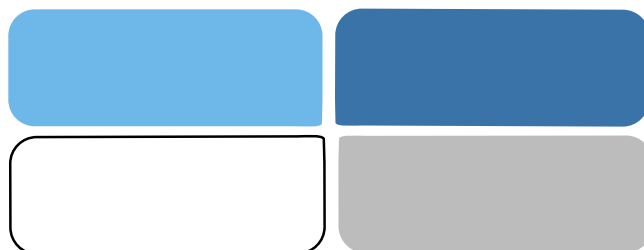
Description

The 2764-2767 Differential pH & ORP electrodes are built with the DryLoc® connector, a Ryton® body and PTFE reference junction to handle even the most extreme and harshest of chemical applications. These differential electrodes use the field-proven 3-electrode differential technique: the pH and reference electrodes are measured against a ground electrode, insuring a steady and stable signal.

To ensure a long service life, the reference features a refillable electrolyte chamber and a replaceable equitransferant salt bridge, both easily serviced in the field. The other elements of the design are the solution ground, the pH/ORP electrodes, and the temperature element.

The electrodes are used with the Signet 2750 Sensor Electronics, which provides a blind 4 to 20mA output or using the digital (S3L) output may be used to connect to the Signet 8900 Multi-Parameter instrument. The electrodes can also be used with the Signet 2760 preamplifier to connect to the Signet 5700, 8750, or other suppliers' instruments.

Click on button(s) below for more information.



Compatible Signet Instruments and Accessories

(Electrode must be used with either the 2750 Sensor Electronics or 2760-1, -2 Preamplifier)

[8900 Multi-Parameter Controller](#)

[8750 pH/ORP Transmitter](#)

[5700 pH/ORP Monitor](#)

[Accessories](#)

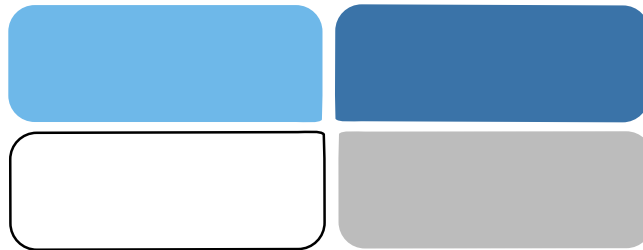
3719 pH/ORP Wet-Tap Assembly



Description

The Signet 3719 pH/ORP Wet-Tap allows installation and removal of pH or ORP electrodes, even under process pressure, without the need for process shutdown during routine electrode maintenance and calibration. Automatic process isolation is achieved during electrode retraction with a double O-ring seal on a unique compact retraction assembly; no separate valve is required. A patented cam-activated automatic locking mechanism, SafeLoc™, and the short stroke design help to assure operator safety. The wet-tap unit can be mounted at any angle and can be used with the Signet DryLoc® and Twist-Lock Wet-Tap electrodes.

Click on button(s) below for more information.



Compatible Signet Instruments and Accessories

[2716 & 2717 Twist-Lock pH/ORP Extended Wet-Tap Electrodes](#)

[2756 & 2757 DryLoc® pH/ORP Extended Wet-Tap Electrodes](#)

[2720 Twist-Lock pH/ORP Preamplifier](#)

[2750 & 2760 pH/ORP Sensor Electronics and Preamplifier](#)

[Fittings](#)

[Accessories](#)

2750 & 2760 DryLoc® pH/ORP Sensor Electronics and Preamplifier



2750 In-line



2750 Submersible
&
2760 Preamplifier

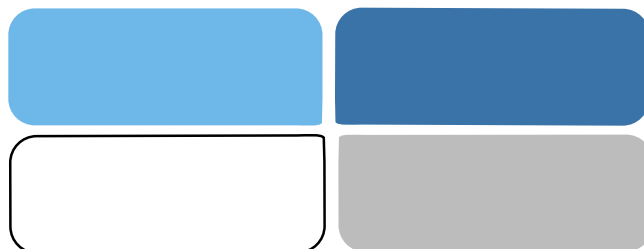
Description

The Signet 2750 and 2760 pH/ORP Sensor Electronics and Preamplifiers, featuring DryLoc connectors, provide a variety of function to suit various requirements. The 2760 is a preamplifier that allows any DryLoc pH/ORP electrode with most Signet instruments. It can also be used as a simple connector for use with other manufacturers' instruments that do not require a preamplified signal.

The 2750 comes with the same preamplified signal as the 2760, but features two different outputs: a two-wire 4 to 20mA loop output, or a digital (S³L) output which allows for longer cable lengths and is compatible with the Signet 8900 Multi-Parameter Controller. The 2750 devices self-configure for pH or ORP operation via automatic recognition of the electrode type. The optional EasyCal feature allows simple push-button calibration and includes an LED indicator for visual feedback.

The DryLoc electrode connector found on both models quickly forms a robust assembly for submersible and in-lin installations. NEMA 4X junction boxes are integral parts of the 2750 in-line version and are also available as accessories for both Models 2750 (submersible version) and 2760.

Click on button(s) below for more information.



Compatible Signet Electrodes, Instruments and Accessories

[2754-2757 DryLoc® pH/ORP Electrodes](#)

[2764-2767 Differential DryLoc® pH/ORP Electrodes](#)

[2774-2777 Threaded DryLoc® pH/ORP Electrodes](#)

[5091 Loop Current Monitor](#)

[5700 pH/ORP Monitor](#)

[8750 pH/ORP Transmitter](#)

[8900 Multi-Parameter Controller](#)

[Accessories](#)

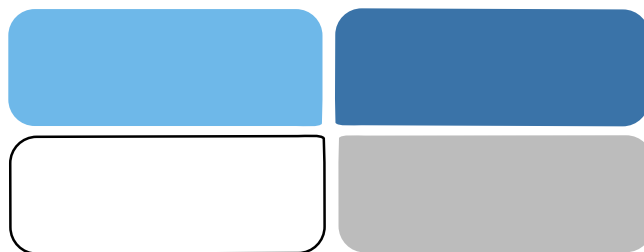
5700 ProPoint™ pH/ORP Monitor



Description

The Signet 5700 pH/ORP Monitor is a versatile and intelligent instrument that recognizes the type of sensor connected, either pH or ORP, then automatically sets itself for the corresponding display and functionality. Also, during EasyCal operation, the monitor automatically recognizes standard buffers/test solutions thereby shortening and simplifying routine calibration procedures. Two programmable relays and one scaleable 4 to 20mA output are included, and the four-button keypad arrangement with intuitive software design is very user-friendly. The monitors require 12 to 24 Volts, AC or DC, and can be used with many Signet pH/ORP electrodes and preamplifiers, or with electrodes from other manufacturers by using the 2721 Preamplifier. Several useful accessories are available, including the optional splashproof rear cover kit.

Click on button(s) below for more information.



Compatible Signet Electrodes, Preamplifiers and Accessories

[2714-2717 Twist-Lock pH/ORP Electrodes](#)

[2764-2767 Differential DryLoc® pH/ORP Electrodes](#)

[2774-2777 Threaded DryLoc® pH/ORP Electrodes](#)

[2720 Twist-Lock pH/ORP Preamplifier](#)

[2721 pH/ORP Preamplifier](#)

[2760 DryLoc® pH/ORP Sensor Electronics](#)

[Accessories](#)

8750 ProcessPro® pH/ORP Transmitter



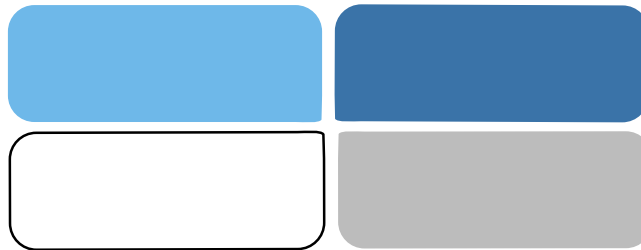
Description

The Signet 8750 pH/ORP Transmitter is designed for broad application and ease of setup and use. The unit auto-configures for either pH or ORP use when connected to Signet pH or ORP electrodes. Multiple mounting options allow for installation best suited to your particular application.

The EasyCal menu features automatic buffer recognition for mistake-proof pH or ORP electrode calibrations. Intuitive software and the four button keypad arrangement make it easy to access important information such as pH or ORP, mV input, temperature, calibration, relay set-up menus and more.



Click on button(s) below for more information.



Compatible Signet Electrodes, Preamplifiers and Accessories

[2714-2717 Twist-Lock pH/ORP Electrodes](#)

[2764-2767 Differential DryLoc® pH/ORP Electrodes](#)

[2774-2777 Threaded DryLoc® pH/ORP Electrodes](#)

[2720 Twist-Lock pH/ORP Preamplifier](#)

[2760 DryLoc® pH/ORP Sensor Electronics](#)

[Accessories](#)

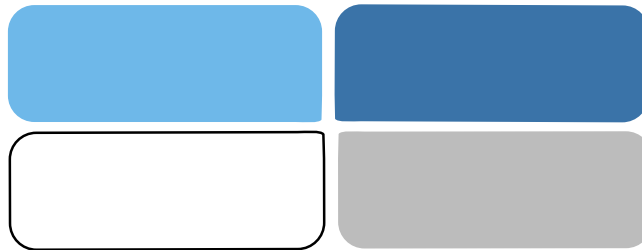
2819-2823 Conductivity/Resistivity Electrodes

Description

Signet 2819-2823 Conductivity/Resistivity Electrodes are designed to provide versatile installation and accurate sensing across a very broad dynamic range. These electrodes are built with a controlled surface finish to ensure accuracy and repeatability. The standard electrode is constructed 316SS or Titanium, but there are other materials available for maximum chemical compatibility. Reversible threads or sanitary flanges allow for maximum installation versatility. Sanitary flange versions are available with an optional NIST traceability Certificate to meet USP requirements. Coupled with Signet patented measuring circuitry, a three decade measurement range is achieved without the need for troublesome electrode platinization. A platinum RTD (PT-1000) located within the electrode allows optimal temperature sensing.



Click on button(s) below for more information.



Compatible Signet Sensors, Instruments and Accessories

[8850 Conductivity/Resistivity Transmitter](#)

[8860 Two-Channel Conductivity/Resistivity Transmitter](#)

[5900 Salinity Monitor](#)

[5800CR Conductivity/Resistivity Monitor](#)

[Accessories](#)

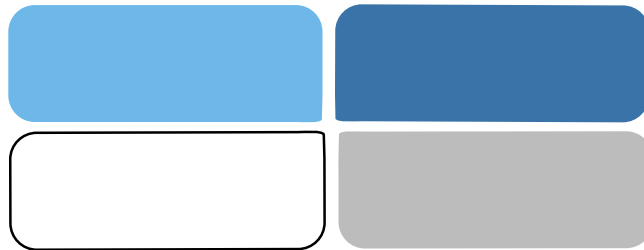
2839-2842 Conductivity/Resistivity Electrodes



Description

The Signet 2839-2842 Conductivity/Resistivity Electrodes are available in four cell constants from 0.01 to 10.0 cm⁻¹, and are suitable for a wide variety of applications from high purity water quality monitoring to weak acids and bases. 316SS electrode surface finishes are controlled in a precision bead blasting operation to ensure measurement accuracy and repeatability. The PEEK insulator and process connections are injection over-molded to minimize variance between electrodes. Double threaded connections in either 3/4 inch NPT or ISO 7/1-R3/4 enable quick and easy installation in submersible or in-line configurations. The DryLoc™ electrodes connect to the 2850 Conductivity Sensor Electronics to form a robust sensor assembly for submersible and in-line installations. Transmitter integral mounting kit and junction boxes are available as accessories.

Click on button(s) below for more information.



Compatible Signet Sensors, Instruments and Accessories

[2850 Conductivity Sensor Electronics](#)

[8850 Conductivity/Resistivity Transmitter](#)

[8860 Two-Channel Conductivity/Resistivity Transmitter](#)

[8900 Multi-Parameter Controller*](#)

[5900 Salinity Monitor](#)

[5800CR Conductivity/Resistivity Monitor](#)

[Integral Mount ProcessPro® Instruments](#)

[Accessories](#)

*2839-2842 Conductivity/Resistivity Electrodes must be used with the 2850 Sensor for connection to the 8900 Multi-Parameter, Multi-Channel Controller.

2850 DryLoc® Conductivity Sensor Electronics



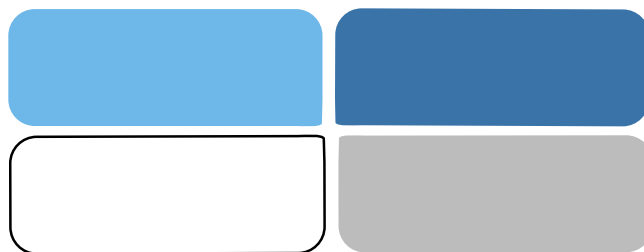
Description

The 2850 Conductivity/Resistivity Sensors provide two-wire 4 to 20mA output without the expense of local display and other luxuries available in full-featured transmitters. Eight 4 to 20mA output ranges for each electrode cell constant, plus the ability to invert each range, are selectable by the user in the field. These sophisticated sensors also provide digital (S3L) interface, another example of leading-edge technology from George Fischer Signet.

The DryLoc® electrode connector quickly forms a robust assembly for submersible and in-line installations. NEMA 4X Junction Boxes are integral parts of the in-line version and are available as accessories for the submersible version. With the optional EasyCal feature, the devices automatically recognize standard conductivity test solution values for simple field calibration.



Click on button(s) below for more information.



Compatible Signet Electrodes, Instruments and Accessories

[5091 Loop Current Monitor](#)

[2839-2842 DryLoc® Conductivity/Resistivity Electrodes](#)

[8900 Multi-Parameter Controller](#)

[Accessories](#)

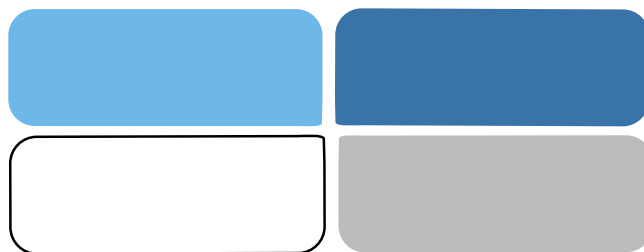
5800CR ProPoint™ Conductivity Monitor



Description

The Signet 5800 ProPoint Conductivity Monitor features a unique analog/digital display, making it the preferred measurement instrument for applications requiring routine monitoring. The digital display guides the user through the simple menu system and provides precision information, while the analog dial serves as a quick, at-a-glance indicator of the measurement process. The 5800CR offers two fully programmable dry contact relays and a 4 to 20mA current. The monitor requires 12 to 24 VAC or VDC and is packaged in a convenient 1/4 DIN, NEMA 4X/IP65 front panel. The enclosure is hard-coated, high-impact, UV resistant polycarbonate. The unit's program capabilities allow the user to turn off the temperature compensation mode to measure raw conductivity, hence meeting USP requirements.

Click on button(s) below for more information.



Compatible Signet Electrodes and Accessories

[2819-2823 Conductivity/Resistivity Electrodes](#)

[2839-2842 Dual Threaded Conductivity/Resistivity Electrodes](#)

[Accessories](#)

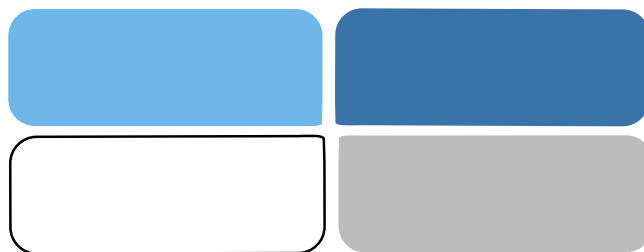
5900 ProPoint™ Salinity Monitor



Description

The Signet 5900 Salinity Monitor utilizes conductivity sensors to provide direct reading, including calibration, of salinity in parts per thousand (PPT). Equipped with a scaleable 4 to 20mA output and two programmable relays, the monitor requires 12 to 24 Volts, AC or DC, and is compatible with Signet 10 cm⁻¹ or 20 cm⁻¹ conductivity cells. Temperature is selectable for display in either °C or °F, and compensation is automatic. Calibration is simplified with single-point salinity and temperature entry via the wet-cal menu sequence. The four-button keypad arrangement with intuitive software design is user-friendly, and is offered with a hard-coated, high impact, and UV resistant polycarbonate front face. The front panel is rated NEMA 4X/IP65 and an optional splashproof cover is available to protect the back of the instrument.

Click on button(s) below for more information.



Compatible Signet Electrodes and Accessories

[2819-2823 Conductivity/Resistivity Electrodes](#)

[2839-2842 Dual Threaded Conductivity/Resistivity Electrodes](#)

[Accessories](#)

8850 ProcessPro® Conductivity Transmitter



Description

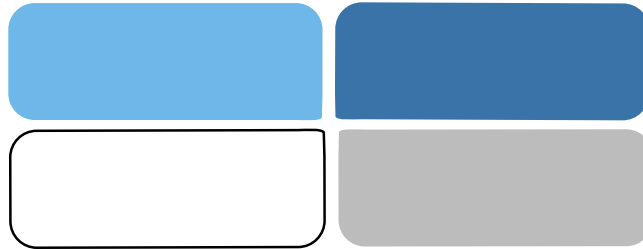
The Signet 8850 Conductivity Transmitter is designed for multiple installation capabilities, simple set-up and easy operation, thus satisfying a broad range of application requirements.

Full microprocessor based electronics allow for a wide operating range and long term signal stability in three different instrument versions: the 8850-1 for a traditional two-wire current loop, the 8850-2 featuring current loop plus two dry contact relays, or the 8850-3 which sports two-wire current loop and accepts two different sensor input signals and two current loop outputs.



The 8850 is offered with a NEMA 4X/IP65 front panel with a self-healing window in a convenient 1/4 DIN package for easy mounting. The 8850 can be configured via a simple menu system. In addition to programmable outputs and relays, the unit can also be set up to measure raw conductivity values simply by turning off the temperature compensation mode, hence meeting USP requirements.

Click on button(s) below for more information.



Compatible Signet Electrodes and Accessories

[2819-2823 Conductivity/Resistivity Electrodes](#)

[2839-2842 Dual Threaded Conductivity/Resistivity Electrodes](#)

[Accessories](#)

8860 ProcessPro® Two-Channel Conductivity Controller

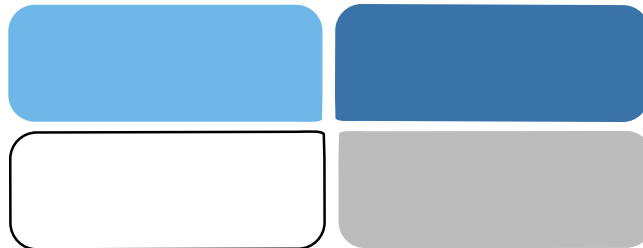


Description

The Signet 8860 Two-Channel Conductivity Controller is packed with a set of features and capabilities ideal for the real needs of water treatment applications. It accommodates two separate and independent input sources and can be powered with AC or 24VDC. The 8860 programs via a simple and intuitive menu system. The unit can also be programmed to measure a raw conductivity value by turning off the temperature compensation mode, hence meeting USP requirements.

To control the process, the 8860 is equipped with four dry contact relays and three 4 to 20mA output loops. Calculated measurement include Difference, Ratio or % Rejection. Two of the relays may be converted into open collector outputs with the flip of a switch. Operating modes for the relays and open collector outputs are high, or low alarm, pulse or special USP alarm mode. The 8860 is offered with a NEMA 4X/IP65 front panel with a self-healing window in a 1/4 DIN package for easy panel installation.

Click on button(s) below for more information.



Compatible Signet Electrodes and Accessories

[2819-2823 Conductivity/Resistivity Electrodes](#)

[2839-2842 Dual Threaded Conductivity/Resistivity Electrodes](#)

[Accessories](#)

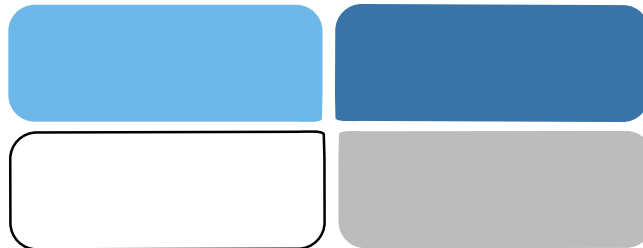
2350 Temperature Sensor



Description

The Signet 2350 Temperature Sensor has a one piece of injection molded PVDF body that is ideal for use in high purity applications. It also outlasts metal sensor in aggressive liquids and eliminates the need for costly custom thermowells. These sensors are available with a proprietary digital output (S3L) or field-scaleable 4 to 20mA output. Dual threaded ends (3/4 in. NPT) allow submersion in process vessels, or in-line installation with conduit connection. An integral adapter kit (sold separately) may be used to create a compact assembly with field mount versions of the Signet 8350 Temperature Transmitter.

Click on button(s) below for more information.



Compatible Signet Instruments and Accessories

[5091 Loop Current Monitor](#)

[8350 Temperature Transmitter](#)

[8900 Multi-Parameter Controller](#)

[Integral Mount ProcessPro® Instruments](#)

[Accessories](#)

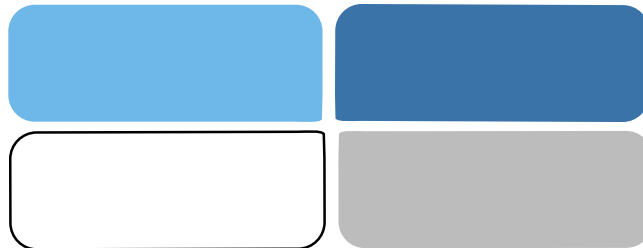
2450 Pressure Sensor



Description

The 2450 Pressure Sensor has a one-piece injection molded PVDF body and ceramic diaphragm for superior compatibility in corrosive liquids. Three pressure versions allow for optimal resolution matched to your sensing needs. Solid state circuitry eliminates drift (no internal potentiometers). built-in temperature compensation provides outstanding accuracy over wide temperature ranges. These sensors are available with a proprietary digital output (S³L), or field-scaleable 4 to 20mA output. Dual-threaded ends allow submersion in process vessels, or in-line installation with conduit connection. Integral adapters (sold separately) may be used to create a compact assembly with a field mount version of the Signet 8250 Level or 8450 Pressure Transmitters.

Click on button(s) below for more information.



Compatible Signet Instruments and Accessories

[5091 Loop Current Monitor](#)

[8250 Level Transmitter](#)

[8450 Pressure Transmitter](#)

[8900 Multi-Parameter Controller](#)

[Integral Mount ProcessPro® Instruments](#)

[Accessories](#)

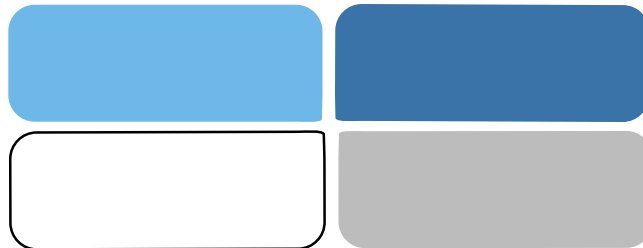
8250 ProcessPro® Level Transmitter



Description

The Signet 8250 Level Transmitters are compatible with the Signet 2450 Pressure Sensor. The instrument is available in field and panel mount configurations, single or dual-channel input and equipped with one or two 4 to 20mA outputs, fully scale-able and reversible for each input channel. The unit also features two relays, plus the ability to support two additional externally mounted relays (for a total of four). Relay operation is selectable for High, Low, Window or Off, and includes fully adjustable hysteresis and trigger time delay. The unit also has the ability to accept other level sensors with 4 to 20mA output via the Signet 8058 Signal Converter. Automatic level-to-volume conversion allows display and control of tank level and/or volume in units such as gallons, kilograms, feet or meters. Simply enter the dimensions of your tank or vessel, and the instrument will calculate volume from the level measurement.

Click on button(s) below for more information.



Compatible Signet Sensors and Accessories

[2450 Pressure Sensors](#)

[8058 Signal Converter](#)

[8059 External Relay Module](#)

[Accessories](#)

8350 ProcessPro® Temperature Transmitter

Description

The Signet 8350 Temperature Transmitter offers local or remote display with current and relay outputs. This model offers exceptional repeatability and accuracy over a wide operating temperature range. Configurations include open collector outputs or relays with status indicators for process control or alarming. The unit also has the ability to accept other level sensors which have 4 to 20mA output via the Signet 8058 Signal Converter. The chemical resistant NEMA 4X/IP65 front face is found on both the highly visible field mount or black panel mount instruments with a self-healing window and a standard 1/4 DIN cutout. Dual input version allows temperature difference calculation (ΔT) and offers cost savings with independent dual outputs capable of difference calculation and output. All models offer an output simulation function for complete system testing.



Click on button(s) below for more information.



Compatible Signet Sensors and Accessories

[2350 Temperature Sensors](#)

[8058 Signal Converter](#)

[Accessories](#)

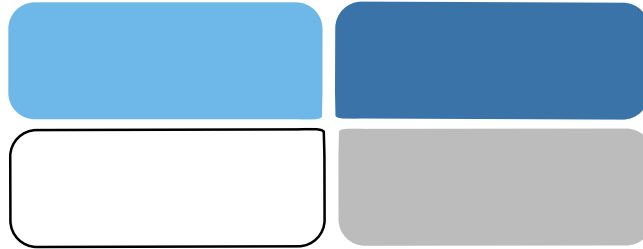
8450 ProcessPro® Pressure Transmitter



Description

The Signet 8450 Pressure Transmitter is a unique instrument that offers local or remote display with current and relay outputs. This model offers exceptional repeatability and accuracy over a wide operating pressure range. The instrument is available in field and panel mount configurations, single or dual channel input and is equipped with a 4 to 20mA output, fully scaleable and reversible for each input channel. Configurations include open collector outputs or relays with status indicators for process control or alarming. The unit also has the ability to accept other sensors with 4 to 20mA output, via the Signet 8058 Signal Converter. The chemical resistant NEMA 4X/IP65 front face is found in both the highly visible field mount or black panel mount instrument, both featuring a self-healing window, a standard 1/4 DIN cutout and large push buttons for easy navigation. Programming capabilities are available for single point calibration, setting of relays and outputs, and output simulation function for complete system testing. The dual input version allows difference calculation (ΔP) and offers significant cost savings with independent dual outputs.

Click on button(s) below for more information.



Compatible Signet Sensors and Accessories

[2450 Pressure Sensors](#)

[8058 Signal Converter](#)

[Accessories](#)

8058 i-Go™ Signal Converter



Description

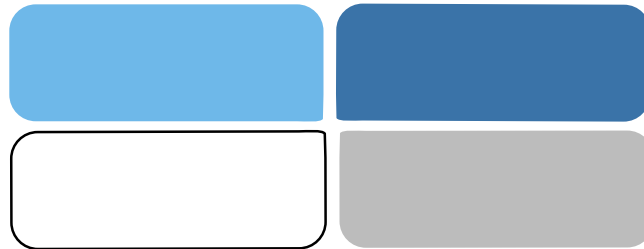
The Signet i-Go 8058 Signal Converter accepts any 4 to 20mA signal and converts it into the Signet digital (S3L) format, the serial data format used by the Signet 8250, 8350, 8450 and 8900 instruments. When used with the 8900 Multi-Parameter Controller, the measurement type and operating range are defined in the 8900 setup menu.

When used with level, temperature and pressure transmitters, the 8058 is configured at the factory to the user's specifications.

The wire-mount single-channel version is easily mounted anywhere in the interconnecting wiring between the sensor and the instrument.

The DIN rail mounted dual-channel version can convert one or two separate 4 to 20mA inputs into a digital S3L output.

Click on button(s) below for more information.



Compatible Signet Instruments and Accessories

[8250 Level Transmitter](#)

[8350 Temperature Transmitter](#)

[8450 Pressure Transmitter](#)

[8900 Multi-Parameter Controller](#)

[Accessories](#)

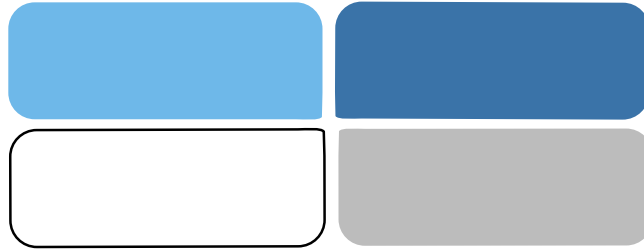
8059 External Relay Module



Description

Signet 8059 External Relay Modules supplement the output capabilities of certain host instruments such as the Signet 8900 Multi-Controller. AC-powered versions accept universal line voltage, and also provide 24 VDC output that can be used to power the host instrument or other device(s). The host instrument controls relay operation by way of a single digital (S3L) connection. The compact plastic housing is DIN railmountable and includes LED annunciators for each relay, plus one each for power-on and data transfer or test mode.

Click on button(s) below for more information.



Compatible Signet Instruments and Accessories

[8250 Level Transmitter](#)

[8900 Multi-Parameter Controller](#)

[Accessories](#)

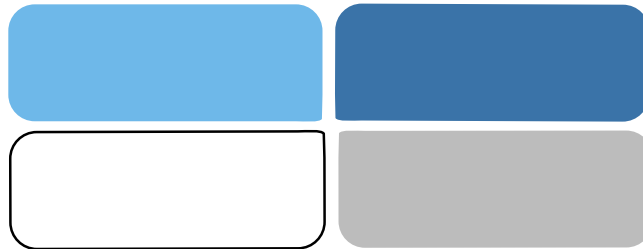
7300 Switching Power Supplies



Description

Signet 7300 Switching Power Supplies provide regulated output voltage in compact and lightweight plastic housings that can be DIN rail or surface mounted. The series includes five different output capacities from 300mA to 4.2A (7.5W to 100W), all of which accept universal AC line voltage input and meet worldwide standards for performance and safety. These units meet the power requirements for a single system, multiple Signet instruments or other devices requiring 24VDC operation.

Click on button(s) below for more information.



Compatible Signet Instruments, Sensors and Accessories

[5075 Totalizing Monitor](#)

[5500 Flow Monitor](#)

[5600 Batch Controller](#)

[5700 pH/ORP Monitor](#)

[5800CR Conductivity Monitor](#)

[5900 Salinity Monitor](#)

[8059 External Relay Module](#)

[8250 Level Transmitter](#)

[8350 Temperature Transmitter](#)

[8450 Pressure Transmitter](#)

[8550 Flow Transmitter](#)

[8750 pH/ORP Transmitter](#)

[8850 Conductivity Transmitter](#)

[8860 Two-Channel Conductivity Controller](#)

[8900 Multi-Parameter Controller](#)

[2550 Electromagnetic Flow Sensor](#)

[2551 Electromagnetic Flow Sensor](#)

[7000/7001 Vortex Flow Sensor](#)

[Accessories](#)



Measurement & Instrumentation 2005 Product Catalog

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