

AUTOMATIONDIRECT.com



Water Components

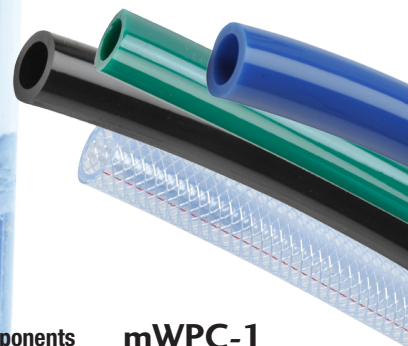
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Potable Water Components



GC Water Valves

GC water valves are an excellent choice for potable water applications. Certain models can handle up to 400psi, others will operate even when supply pressure drops to zero, such as when emptying a tank. They are available with either stainless steel (303 or 316L) or Nylon 6 bodies, with various orifice sizes.

- 2-port (2-way), 2-position
- Normally closed (N.C.) configuration
- Piloted diaphragm or direct acting operator
- Zero differential action on select models
- Port sizes: 1/4", 3/8", 1/2", 3/4", 1", 1-1/4", 1-1/2", or 2" NPT (depending on series)
- 18mm (DIN 43650A) style wiring plug
- 120 VAC, 24 VAC or 24 VDC solenoids
- Made in the USA

GC NSF Brass Water Valves

GC 71 series 2-port water valves are constructed of durable lead-free brass and are a great choice for drinking water applications. They are certified to NSF/ANSI 61, and have NSF approved EPDM diaphragms. They are ported for many popular NPT sizes with some models rated for up to 200psi.

- 2-port (2-way), 2-position
- Normally closed (N.C.) or normally open (N.O.) configuration
- Piloted diaphragm
- 18mm (DIN 43650A) style wiring plug
- Port sizes: 3/8, 1/2, 3/4, 1, 1-1/4, 1-1/2, or 2 inch female NPT
- 120 VAC or 24 VDC solenoids
- Made in the USA



Potable Water Valves

Spartan potable water valves are available with low lead brass or nylon bodies. They are diaphragm operated and available in a range of port sizes and solenoid voltages.

- Diaphragm operator
- Low lead brass body or glass reinforced Nylon body
- Port sizes: 1/8, 1/4, 3/8 or 1/2 inch NPT or 1/4 inch push-to-connect
- 2-way, 2-position normally closed operation
- 24 VDC or 120 VAC solenoids
- Additional solenoid coils available in 12 VDC, 24 VAC and 220 VAC
- Wiring connection options include 18mm DIN or pigtail
- Made in the USA



Potable Water Pressure Regulators

HydroMode® FR series food grade regulators are compact units with a highly sensitive diaphragm-operated design that provide economical, high-performance pressure regulation of drinkable water.

- NSF electrodeposited chromium plated zinc body
- FDA acetal bonnet, valve seat
- Food grade nitrile/nylon diaphragm, O-ring
- Lead-free brass and food grade nitrile valve plug
- Mounting by pipe, bracket or through-panel
- Made in the USA



Potable Water Components



Special Purpose Push-to-Connect Water Fittings

In addition to push-to-connect convenience, HydroMode special purpose water fittings also provide additional functionality. Check valves allow flow in only one direction; hand valves allow manual shut off of the flow. Designed for potable water and beverages, these fittings are NSF-51 and NSF-61 certified, and are rated for up to 145psi at 70 degrees C (158F).



WPT25 Series Pressure Transmitters

HydroMode WPT25 series pressure transmitters are UL Classified NSF/ANSI/CAN 61 and 372 for drinking water applications. They offer a rugged 316L stainless steel construction and provide reliable pressure measurement signals for a variety of applications, such as controls, data collection, and telemetry systems.

- All 316L stainless steel wetted materials
- Pressure ranges from 0 to 300 psig
- 1/4 inch NPT male threaded process connection
- 4 to 20 mA output
- 4-pin M12 quick disconnect
- IP54 protection rating



all models
\$95.00



Flexible Water Tubing & Hose

HydroMode polyethylene (PE) tubing is designed for use with potable water and beverages. This tubing is NSF-61 approved and works well with HydroMode push-to-connect fittings.

HydroMode hose is manufactured with polyester spiraled yarn which allows higher working pressures. It complies with FDA regulations, and is Phthalate Free and NSF 61® certified for use in potable water and food beverage applications. It provides good chemical resistance, is lightweight, flexible and economically priced.

Tubing:

- Five sizes: 5/32" to 1/2"
- Seven colors: black, blue, natural, red, yellow, green and white
- Shore A 98 hardness
- NSF-61 certified
- Flexible and lightweight

Hose:

- 15 ° F To 150 ° F temperature range
- Shore A 73 hardness
- NSF-61 certified

Potable Water Components



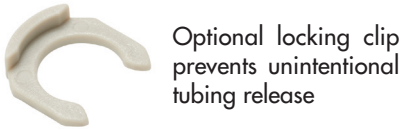
Push-to-Connect Water Fittings

HydroMode push-to-connect fittings are designed to work with potable water and beverages and installing or removing is quick and easy.

- Designed for potable water and beverages
- NSF-51 and NSF-61 approved
- Easy tubing installation and removal
- Fittings rated for up to 145psi at 70°C (158°F)



starting at \$3.25/5pk.



Optional locking clip prevents unintentional tubing release



Stem adapters allow rotational freedom. Perfect for tight installations



starting at \$8.25/3pk.



Lead Free Brass Adapter Fittings

HydroMode lead free brass fittings are designed for use in potable water and beverage applications. These hose barb adapters work well with PVC hose and stainless steel hose clamps.



Hose Clamps

Hose clamps are used to attach hose securely to barbed fittings and other devices. Available in plated steel '2-ear' and stainless steel 'interlocking ear' styles, these hose clamps work well with HydroMode PVC hose and lead-free fittings. Hose clamp crimping tools are available to crimp both styles of clamps firmly in place.



starting at \$5.50/10pk.

Potable Water Components



Submersible Level Sensors

Endress+Hauser Waterpilot FMX11 series submersible level sensors are ideally suited for freshwater applications and feature a slim 22mm diameter stainless steel housing and a sensor diaphragm protection cap. These sensors are NSF certified for drinking water applications.

- Up to 2 bar (66.9 ftWC) sensing range
- 4 to 20 mA analog output
- Shielded cable with atmospheric pressure compensation tube and Teflon filter
- Rugged 316 stainless steel construction
- IP68 protection rating

NSF Certified to NSF/ANSI 61 starting at \$530.00



Endress+Hauser A global leader in process measurement instrumentation



Magnetic-Inductive Flow Meters

Endress+Hauser Picomag series magnetic-inductive flow meters provide a reliable and versatile solution for measuring and monitoring conductive liquids such as drinking and industrial water. They allow simultaneous measurement of flow, temperature, and volume, and provide two configurable output points.

Picomag flow meters are configured and monitored with a Bluetooth® wireless interface on Android and iOS devices via the free SmartBlue Mobile App. With a wireless connection distance of up to 32 feet, Picomag is ideal for space-limited applications and difficult-to-reach locations.

- Flow rates up to 198 GPM
- 20 to 30,000 µS/cm conductivity range
- Large user-friendly TFT color display
- IO-Link v1.1 compatible
- 1/2 to 2in NPT process connections
- Two configurable outputs
- NSF/ANSI 61 certified for drinking water applications
- IP65/67 protection rating

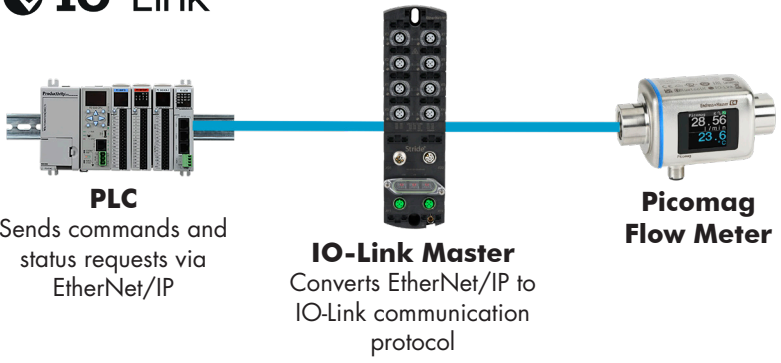


NSF Certified to NSF/ANSI 61 starting at \$572.00

IO-Link Features

- Seamless integration into established fieldbus systems
- Direct access to process and diagnostics data
- Simple parameterization without additional tools
- Enables "on the fly" device configuration
- Automatic configuration after device replacement

IO-Link



FREE SmartBlue Mobile App

The SmartBlue Mobile App allows configuration as well as comprehensive access to device data.



- Simple and fast navigation through device and diagnostic functions
- Configuration of display, outputs, flow direction, and units
- Requesting diagnostics and status messages
- Available for Android and iOS
- Range up to 32 feet

