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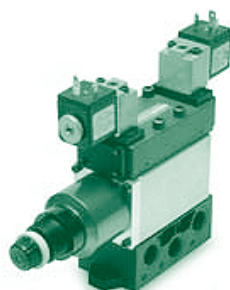
ASCO Extends Composite Solenoid Valve Offering to Include 3/8" and 1" Pipe Sizes

ASCO has extended its 212 series offering to include 3/8" and 1" pipe sizes that incorporate the FasN™ universal connection system. With FasN, the valve quickly connects to any type of fitting – NPT, quick-connect, and solvent-bond – for rapid assembly, low cost, and great design flexibility. The 212 Series valve has the highest pressure and temperature ratings on the market – up to 150 psi and 180°F.



Its robust, lightweight engineered plastic body has been built and tested to achieve up to 1 million operating cycles. The 212 Series was designed specifically for water purification and conditioning systems in commercial and industrial applications. This valve design meets the requirements of section 1417 of the Safe Drinking Water Act.

[Download more information from okcautomation.com/pdfs/ASCO-212series.pdf](#)



Monnier Valve Sandwich Block and Manifold Mounted Regulators

Monnier valve sandwich block regulators are designed to be mounted between a pneumatic valve sub-base and a valve body. All units have aluminum bodies, and are available with either polycarbonate or aluminum

bonnets. Several pressure ranges are available, from 2-20 through 20-250 psi. Seals are Buna-N. Manifold mounted regulators can be provided with sub bases or can be integrated into custom manifold arrangements.

[Download more information from okcautomation.com/pdfs/monnier-manifold.pdf](#)

Fairchild Low Emission TXI7850 I/P

When you need low emission yet reliable, stable, and quick operation, rely on Fairchild's TXI7850 low emission transducer. The new explosion proof TXI7850 I/P Pressure Transducer operates under the same basic principles as the standard TXI7850, yet improves upon fugitive emissions of natural gas. Designed to meet and exceed the most stringent emission and carbon reduction restrictions with natural gas, the low emission TXI7850 delivers vibration, shock and moisture resistance in output pressures up to 0-30 psi [0-2.0 BAR], (0-200 kPa). It carries full agency approvals, including FM, CSA and ATEX certifications.



[Download more information from okcautomation.com/pdfs/Fairchild-TXI7850.pdf](#)



Gems Sensors New Low-Water Cutoff Devices

Gems Sensors & Controls has introduced a new line of compact

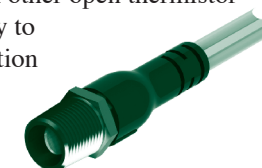
low-water cutoff devices to provide critical protection for boilers and steam generators. The new LWC-700/720/800 Series offers a variety of configurations and functions for application in most water feed vessels. They feature redundant switches within the liquid level sensors, and electronic controllers to deactivate systems before a water supply

problem can damage or create a critical situation in boiler or steam generation equipment. They meet CSD1 requirements and are U.L. recognized per UL-353 for "Limit Control".

[Download more information from okcautomation.com/pdfs/Gems-lwc-700-800.pdf](#)

Gems Sensors New Open-Thermistor Temperature Sensors Eliminate Leakage

Gems Sensors' TM-950 Series solves the sensed fluid leakage problem common with other open thermistor type sensors. Fused glass is key to providing the leak-proof operation of these new open thermistor type temperature sensors. The TM-950 Series utilizes an open thermistor design for faster response to temperature fluctuation than can be achieved with closed designs. These sensors can be used to monitor temperatures in any non-conductive fluid. The TM-950 Series has a standard referenced temperature sensing range of 32-100°F and an over exposure capability range of -40°F to +250°F (-40C to +125°C). Standard pressure rating is 450 psig, with higher pressure capability available upon request. Wetted materials include zinc-plated steel, nickel-plated steel, Teflon®, ceramic, tin, and soda lime glass. Standard termination is IP65, 18AWG, PTFE insulated flying leads.



[Download more information from okcautomation.com/pdfs/Gems-TM-950.pdf](#)

Seametrics WMX Series Flanged Magmeter

The WMX-Series are flanged electromagnetic flowmeters for use in 3" to 12" pipe in municipal or industrial water and wastewater applications where propeller meters have typically been used in the past. Because the WMX has no moving parts and has electrodes designed to discourage fouling, this magmeter performs well and requires much less frequent



maintenance in applications where debris would impede propeller meters. There is no rotor to stop turning or bearings to wear out. Minimal straight pipe requirements allow WMX-Series meters to be used in piping

configurations where there is little space between the meter and an elbow.

[Download more information from okcautomation.com/pdfs/Seametrics-WMX.pdf](#)

NOSHOK ATEX-Approved Explosion-Proof Pressure Transmitter

NOSHOK 619 and 620 Series heavy-duty pressure transmitters are ATEX approved for use in volatile/hazardous environments. They are available in a variety of pressure, vacuum and compound ranges for measuring any process media suitable with 316L SS and Elgiloy. Standard output signal is 4-20 mA 2-wire but 3-wire voltage outputs and low excitation power requirements are available. With a pressure-tight encapsulated design and a 1/2" NPT conduit with integral cable electrical connection, these transmitters feature stainless steel construction, and a welded pressure connection and measuring cell for exceptional shock and vibration resistance. The 619 Series features a 1/2" NPT standard connection, while the front flush 620 Series version eliminates extra space in which the measuring medium can crystallize or form residue. Both versions incorporate significant levels of RFI, EMI and ESD protection.



[Download more information from okcautomation.com/pdfs/NOSHOK-619-620.pdf](#)

ASCO Introduces New Motorized 290 Series Angle Body Valve

ASCO's new motorized 290 Series angle body piston valve offers the same long life and reliability as the air-operated 290 Series valves. It features a rugged 316L stainless steel body and NBR seals and disc for tight shutoff. Its anti-water hammer design reduces the risk of pipe damage, while its angled seat design provides high flow. The motorized 290 Series handles



a wide range of fluids including viscous media up to 2700 SSU. Its IP65 enclosure allows the valve to be used outdoors. This valve is RoHS 2 compliant and is ideal for use in "lead free" applications.

[Download more information from okcautomation.com/pdfs/ASCO-290-motorized.pdf](#)



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NOSHOK Solutions for Pump Shutoff Protection



NOSHOK provides application-focused assemblies to the water & wastewater industry, including a non-metallic diaphragm seal & pressure transmitter/switch. This tested, proven solution replaces larger, heavier gauge/switch/diaphragm seal assemblies for pump shut-off protection. With a high level of repeatability and durability, it includes an electronic indicating pressure transmitter with two alarms protected by a corrosion-resistant, chemically inert PTFE-coated diaphragm with a

PVC, PP or Kynar lower housing - with one simple connection. Its compact size and light weight decreases possible leak paths, and with no moving parts, provides significantly extended service life over mechanical analog systems. The instrument and seal can be used with a power supply and Form C relays to easily integrate into any AC chemical feed system. NOSHOK offers an AC to DC retrofit package which easily integrates with this assembly for operation with 110/240 VAC systems.

ASCO Light Weight Miniature Solenoid Valve

FULLY COMPLIANT WITH ROHS REGULATIONS

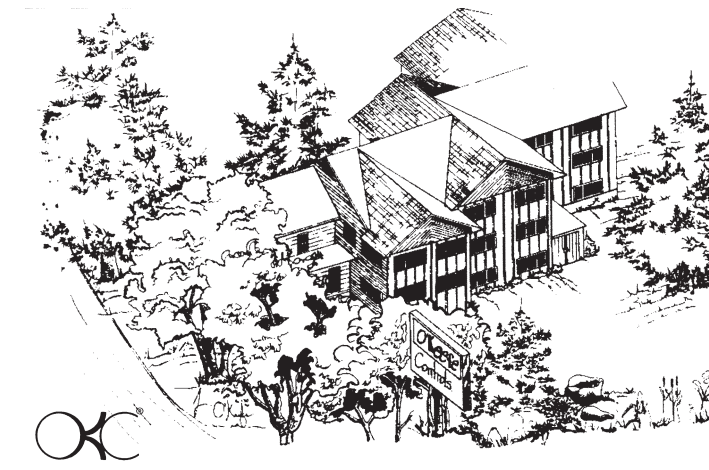


The ASCO 411 Series miniature solenoid valve offers up to twice the life of competing products, plus higher flow rate performance. Its unique plunger design reduces wear on the poppet and resists internal elastomer swelling that can disrupt performance. This valve has been tested to exceed 500 million cycles in normal operating conditions. The 411 Series valve family incorporates a smaller, lighter weight plastic body that achieves up to 15% overall weight reduction versus stainless steel and brass-bodied valves. It is the only miniature

solenoid valve that is fully compliant with RoHS regulations. The 411 valve is ideal for applications in pharmaceutical, medical, analytical, and instrumentation products.

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2nd Quarter 2014

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