

Emerson Saudi Arabia LLC

Advancing the World's Most Essential Industries

About us:

As a global automation leader, Emerson is poised to transform industrial manufacturing. Explore the next-generation automation architecture designed to break down data silos, liberate data and unleash the power of software with Boundless Automation™




Emerson combines advanced technologies, industry-leading expertise and an insatiable curiosity about the world to create sustainable solutions for our customers.




Boundless Automation™





Emerson's vision for an industrial architecture built on a consistent, cohesive software ecosystem from intelligent field devices to the edge, and to the cloud—integrating operations to make all data instantly accessible, understandable, and usable for analytics, innovation and performance improvement.




- Unifying Operations Data in One Industrial Ecosystem
- Innovation Through Seamless, Software-defined Architecture
- Enterprise-wide Optimization Via Multi-Domain Tensioning




Product Catalog





Product Type	Product Name	Product Description	Manufacture Location
Measurement Instrumentation	Rosemount™ 2088 Gauge and Absolute Pressure Transmitter 	With the Rosemount 2088 Gage and Absolute Pressure Transmitter, you can keep on schedule with a quick and easy-to-install solution. This transmitter features a Local Operator Interface (LOI) that has easy-to-use menus and built-in configuration buttons, so you can commission the device on the spot without complicated tools. This pressure transmitter is also available with manifolds and remote seals.	https://maps.app.goo.gl/UcBMCL6ZV2TCbtc8A
	Rosemount™ 2051 Coplanar™ Pressure Transmitter 	The Rosemount 2051 Coplanar Pressure Transmitter is industry-standard for differential and gage measurements. This safety-certified transmitter features a Local Operator Interface with easy-to-use menus and built-in configuration buttons, allowing you to easily commission the device. Engineered with the patented coplanar technology, this device offers installation flexibility for integrated flow or level solutions. With optional <i>Wireless</i> HART® technology, you can add measurement points fast, even in remote and hard-to reach-locations.	
	Rosemount™ 3051S Wireless MultiVariable™ Transmitter 	The Rosemount 3051S Wireless MultiVariable Transmitter features multivariable measurement capabilities paired with <i>Wireless</i> HART® technology, offering a no-equal, cost-efficient solution. This wireless transmitter provides measurements for differential and static pressure with >99% data reliability. Capable of standardizing on a single model number, this device is a cost-effective device that reduces pipe penetrations, impulse piping and connection systems.	





<p>Rosemount™ 3051S Wireless High Static DP Transmitter</p> 	<p>Built with <i>WirelessHART</i>® technology and SuperModule™ design, the best-in-class Rosemount 3051S Wireless High Static DP Transmitter withstands static pressure of up to 15000 psi (1034 bar). Utilizing the Rosemount Coplanar™ technology for reduced installation weight, this transmitter measures differential pressure and device temperature. With a coned and threaded direct connection for high static pressure conditions, this wireless transmitter delivers accurate data, even in harsh locations.</p>		
<p>Rosemount™ 3051 In-Line Pressure Transmitter</p> 	<p>Confidently measure pressure and level with the Rosemount 3051 In-Line Pressure Transmitter. Engineered for 10-year installed stability and 0.04% of span accuracy, this industry-leading pressure transmitter provides you with the information necessary to run, control and monitor processes. Available with a graphical, back-lit display, Bluetooth® connectivity, and enhanced software capabilities designed to access the data you need faster than ever before.</p>		
<p>Rosemount™ 3051S Wireless In-Line Pressure Transmitter</p> 	<p>Rosemount 3051S Wireless In-line Pressure Transmitter is a no-equal solution that optimizes your gage and absolute pressure measurement performance. This best-in-class, scalable SuperModule™ platform minimizes process variability and reduces maintenance while automating the process with the secure and cost-effective <i>WirelessHART</i>® technology. Engineered for direct threaded connection, manifold or seal system solutions, this in-line pressure transmitter offers reliable measurement and quick installation.</p>		
<p>Rosemount™ 3051S Coplanar™ Pressure</p>	<p>The Rosemount 3051S Coplanar™ Pressure Transmitter is designed with the patented Coplanar technology and is the no-equal solution for pressure, flow and level measurements. This scalable platform, available in both wired and</p>		






	<p>Transmitter</p> 	<p>WirelessHART® communication protocols, seamlessly integrates with manifolds, primary elements and seal solutions and optimizes performance for accurate differential, gage and absolute pressure measurements. With the SuperModule™ platform, this transmitter resists overpressure and line pressure effects to maintain unmatched performance.</p>	
	<p>Rosemount™ 2051 In-Line Pressure Transmitter</p> 	<p>Work more efficiently with the Rosemount 2051 In-Line Pressure Transmitter, an industry standard device that delivers reliable process data. This transmitter provides accurate gage and absolute measurements and is delivered installation-ready. This pressure transmitter features an intuitive Local Operator Interface which streamlines commissioning and reduces the number of tools you need, for a cost-effective and capable solution.</p>	
	<p>Rosemount™ 3051S In-Line Pressure Transmitter</p> 	<p>Optimize performance with the Rosemount 3051S In-line Pressure Transmitter, the industry's best-in-class solution. This scalable SuperModule™ platform is no-equal for gage and absolute pressure measurement performance, as it minimizes process variability and reduces maintenance. Engineered for direct threaded connection, manifold or seal system solutions, this in-line pressure transmitter connects to the process, making installation quick and cost-effective.</p>	
	<p>Rosemount™ 3051 Pressure Transmitter Family</p> 	<p>Benefit from industry-leading capabilities and trusted performance with the Rosemount 3051 Pressure Transmitter. With over 10 million devices installed, this pressure transmitter family offers an all-in-one solution for pressure, level and flow measurement.</p>	





<p>Rosemount™ 248 Wireless Temperature Transmitter</p> 	<p>The Rosemount 248 Wireless Temperature Transmitter is a cost-effective and reliable wireless solution for process monitoring. Coupled with the self-organizing network of WirelessHART® technology, this transmitter delivers single point temperature measurement data, even in remote locations. The internal antenna of this wireless transmitter is compact and lightweight and the engineered polymer housing provides superior resistance to process environments.</p>	
<p>Rosemount™ 3144P Temperature Transmitter</p> 	<p>The Rosemount 3144P Temperature Transmitter provides industry-leading accuracy, stability and reliability for your temperature measurements. It features a dual-compartment housing to ensure reliability and advanced diagnostics to keep your measurement point up and running. When combined with Rosemount X-well™ Technology and the Rosemount 0085 Pipe Clamp sensor, this transmitter can provide accurate measurement of process temperature, eliminating the need for a thermowell or process penetration.</p>	
<p>Rosemount™ 644 Temperature Transmitter</p> 	<p>Engineered for versatility, the Rosemount 644 Temperature Transmitter is available with HART™, FOUNDATION™ Fieldbus or PROFIBUS™ protocols in head, field or rail mount styles and a variety of enclosure options. By adding a Local Operator Interface (LOI), you can update your transmitter configuration in the field without tools. For diverse application requirements, this transmitter includes diagnostic capabilities, such as Hot Backup™ capability, sensor drift alert and thermocouple degradation.</p>	






	<p>Rosemount™ 648 Wireless Temperature Transmitter</p> 	<p>The Rosemount 648 Wireless Temperature Transmitter offers best-in-class wireless accuracy and stability for process monitoring. This durable transmitter is designed with a dual-compartment housing for field reliability. When combined with Rosemount X-well™ Technology and the Rosemount 0085 Pipe Clamp sensor, this transmitter can provide accurate measurement of process temperature via an in-transmitter thermal conductivity algorithm, eliminating the need for a thermowell or process penetration.</p>	
<p>Level Measurement</p>	<p>Rosemount™ 3051L Level Transmitter</p> 	<p>Direct mount or use a Tuned-System™ assembly that optimizes performance and reduces temperature effects by 10-20% for improved response time by over 80% versus traditional installations. Built-in diagnostics detect electrical loop issues and alert you to corrosion, water in the housing, or unstable power supply. Available with a graphical, back-lit display, Bluetooth® connectivity, Level specific configuration and enhanced software capabilities designed to access the data you need faster than ever before.</p>	
	<p>Rosemount™ 3051SAL Level Transmitter</p> 	<p>Make reliable pressure measurements in extreme conditions with the Rosemount 3051SAL Level Transmitter, a best-in-class solution that offers enhanced capabilities for pressurized and vented tank level measurements. This transmitter is safety certified and engineered with advanced diagnostics for increased insight. Designed to allow direct mounting, remote mounting, balanced systems and Tuned-System™ assemblies, this device can meet a variety of demands and process requirements for level applications.</p>	
	<p>Rosemount™ 2051L Wireless Level</p>	<p>Rosemount 2051L Wireless Level Transmitter provides level measurements with a variety of process connections,</p>	




	<p>Transmitter</p> 	<p>materials and WirelessHART®technology. The SmartPower™ module of this wireless device provides up to 10-year, maintenance-free operation as well as field replacement. For improved performance over traditional installations, this transmitter has Tuned-System™ assembly and direct mounting options.</p>	
	<p>Rosemount™ 2051L Level Transmitter</p> 	<p>Gain confidence with the reliable performance of the Rosemount 2051L Level Transmitter, a transmitter that provides level measurements with a variety of process connections, materials and output protocols. This transmitter is safety certified, and allows for Tuned-System™ Level assembly and direct mounting. Engineered with a Local Operator Interface (LOI), this device offers easy, on-site commissioning.</p>	
	<p>Rosemount™ 3051SAL Wireless Level Transmitter</p> 	<p>Featuring WirelessHART®technology, the Rosemount 3051SAL Wireless Level Transmitter is a no-equal solution to optimize level measurement. This wireless device allows for direct mounting, remote mounting, balanced systems and Tuned-System™ assemblies to meet various process requirements. Engineered with the hermetically sealed, stainless steel SuperModule™ platform, this transmitter has a 15-year limited warranty and stability and up to 10-year power module life, providing field reliability.</p>	
<p>Control Valves</p>	<p>Fisher™ 8590 High Performance Butterfly Valve</p> 	<p>The Fisher 8590 high performance Butterfly valve maintains tight shutoff and can be specified for a wide range of pressure and temperature conditions. The 8590 valve is available in a lugged body design. A splined shaft can combine with a variety of spring-and-diaphragm or pneumatic piston actuators and a square</p>	<p>https://maps.app.goo.gl/Y4RvBTfyaB5hv6PP7</p>





		or keyed shaft can combine with a variety of handlevers, handwheels, or pneumatic piston diaphragm actuators.
Fisher™ V250 Control Valve		The Fisher V250 control valve is a heavy-duty, flangeless throttling ball valve often used to control flow in gas transmission lines, gas distribution, and liquid pipelines. Available with a single ball seal, flow ring, or dual-seal construction.
Fisher™ 8532 High Performance Butterfly Valve		The Fisher 8532 high performance Butterfly valve offers outstanding performance under extreme pressure and temperature conditions. The 8532 valve maintains tight shutoff, is available in a fire-tested construction, and can be specified for cryogenic applications. Available as either a flangeless (wafer style) design, single flange (lugged), or Double Flanged design.
Fisher™ 8580 High Performance Butterfly Valve		The Fisher 8580 high performance Butterfly valve provides the capability for enhanced shutoff and features an eccentrically-mounted disk with either a soft or metal seal. Experience excellent throttling and on/off performance with this control valve.
Fisher™ V260 Control Valve		The Fisher V260 is a full bore control valve designed from the ground up with features for pressure, flow, and process control. An integral drilled attenuator controls noise and vibration from high pressure drop liquids and gases. The splined shaft connection to the actuator reduces lost motion.
Fisher™ easy-e™ EW Series Control		The Fisher easy-e EW series product line is available for a wide range of applications common to the oil and gas production industries. These valves meet a variety of service requirements, such as power plants where oversized piping is used to limit fluid flow velocity. They





	<p>Valves</p> 	<p>also perform well in noise abatement applications; for example, high pressure gas reducing stations where sonic velocities are often encountered at the outlet of conventional valve bodies.</p>	
	<p>Fisher™ CV500 Eccentric Plug Valve</p> 	<p>The Fisher CV500 valve combines the rangeability of the cammed, segmented V-notched ball, with inherent ruggedness in the heavy duty bearings, seals, and body. This combination provides a balance of erosion resistance and pressure control for gas and liquids.</p>	
	<p>Fisher™ D & DA Control Valves</p> 	<p>Fisher D and DA single-port, high-pressure valves are widely used in oil and gas production industries. These valves are especially useful for either throttling or on/off control of liquids or gases which are gritty, sticky, or have a tendency to build-up on internal valve parts. The DA valve is also useful in angle piping or other applications where a self-draining valve is desired.</p>	
<p>Control Valves</p>	<p>Fisher™ HP Series Control Valves</p> 	<p>Fisher HP series control valves are single-port, high-pressure, globe- or angle-style valves with metal seats, cage guides, and push-down-to-close valve plug action. These valves are designed for high-pressure applications in process control industries such as power generation, hydrocarbon production, chemical processing, and refining.</p>	<p>https://maps.app.goo.gl/Y4RvBTfyaB5hv6PP7</p>
	<p>Fisher™ easy-e™ Cryogenic Control Valve</p> 	<p>The Fisher easy-e cryogenic valve is a globe style, single-port, valve featuring stainless steel construction materials and fabricated extension bonnets. These cryogenic valves are designed to provide throttling or on/off control of liquids and gases at cryogenic temperatures as low as -198°C (-325°F). When required, these rugged valves can reliably provide tight shutoff for special applications within the chemical and hydrocarbon processing</p>	





		industries, such as certain liquefied natural gas services.
<p>Fisher™ NotchFlo™ DST Control Valve</p> 	<p>Fisher NotchFlo DST control valves are designed for dirty, cavitating services. The trim in this valve utilizes a series of flow restrictions and expansions to eliminate cavitation, while allowing up to 12.7 mm (1/2 in) diameter particulate to pass through without plugging.</p>	
<p>Fisher™ FB Angle Valves</p> 	<p>Fisher FB angle valves are used with compressible fluids on special applications requiring maximum noise attenuation capability and high capacity. Typical applications include main steam reducing valves and compressor bypass valves. FB valves are also commonly used for sour gas applications in petrochemical and gas processing plants.</p>	
<p>Fisher™ EH Series Control Valves</p> 	<p>Fisher EH series valves are specially designed for high-pressure applications. These valve configurations incorporate proven techniques in flow-stream contouring for higher capacities and in valve trim design for reliability in severe applications.</p>	
<p>Fisher™ Vee-Ball™ V150 Flanged Control Valve</p> 	<p>The Fisher Vee-Ball V150 control valve is your choice for performance and cost-effectiveness across a broad range of applications. The precision-machined parts and pressure-balanced seal designs allow smooth, precise valve operation.</p>	
<p>Fisher™ FIELDVUE™ DVC6200 Digital</p>	<p>The Fisher FIELDVUE DVC6200 instrument allows for your operation to run closer to setpoint, improving product quality with more accurate control. Using</p>	




	<p>Valve Controller</p> 	<p>FIELDVUE Performance Diagnostics, valve operation is monitored online to evaluate performance and reliability.</p>	
<p>Actuators</p>	<p>Fisher™ 657 and 667 Diaphragm Actuators</p> 	<p>Fisher 657 and 667 actuators are designed to provide dependable on/off or throttling operation of control valves. These spring-opposed diaphragm actuators position the valve plug in the valve in response to varying controller or valve positioner pneumatic output signals. The 657 actuator is direct-acting, while the 667 is reverse-acting.</p>	
	<p>Fisher™ 2052 Spring-and-Diaphragm Rotary Actuator</p> 	<p>The Fisher 2052 highly versatile and compact actuator design can assist in throttling or on/off applications. Install on any valve, even in space-limiting conditions.</p>	
	<p>Fisher™ 1052 Rotary Actuators</p> 	<p>Fisher 1052 spring-return diaphragm rotary actuators operate splined shaft rotary valves and are suitable for on/off or throttling service. Designed for easy installation of a broad range of options: limit switches, position indicating switches, positioners, and manual overrides.</p>	
	<p>Fisher™ 1061 Pneumatic Piston Rotary Actuator</p> 	<p>The Fisher 1061 actuator is used to operate splined shaft rotary control valves, such as Fisher Vee-Ball™ valves, eccentric disk valves, and Butterfly valves. The actuator/valve body linkage of this actuator can be positioned for either push-down-to-open or push-down-to-close action. Additionally, the 1061 actuator can be used with a two-position</p>	



		control signal for on/off service or with a valve positioner for throttling service.	
	<p>Fisher™ 585C Piston Actuator</p> 	Fisher 585C piston actuators provide low to medium thrust output for a variety of small to medium Fisher sliding-stem valves, including the easy-e™, HP, EH, and 461 valves. The double-acting design of the actuator results in stiff, precise positioning. Smaller sizes of this actuator are also available with optional bias springs for a spring return fail mode.	
	<p>Fisher™ 655 and 655R Diaphragm Actuators</p> 	Fisher 655 and 655R actuators provide control for a wide variety of pressure regulation applications. The 655 actuator is used for pressure reduction service on push-down-to-close valves, and the 655R actuator is primarily for pressure relief use on push-down-to-open valves. These actuators may be either self-operated or remote-loaded.	
	<p>Fisher™ 1008 Manual Handwheel Actuator</p> 	The Fisher 1008 manual handwheel actuator is used in applications that require a throttling type of control valve that can be manually operated and set. This actuator can be used on nearly all standard globe style or angle style control valve body assemblies. No special valve body adaptor is required for use with the 1008 actuator, so that future conversion from manual to automatic control can be accomplished at minimum cost. The 1008 actuator is capable of giving precise manual throttling control. A travel indicator mounted on the actuator yoke provides a visual indication of valve plug position at all times. A dial-type valve plug position indicator is also available as optional equipment.	



	<p>Fisher™ 685 Series Piston Actuators</p> 	<p>Fisher 685 series piston actuators provide medium to high thrust output for a variety of medium to very large Fisher sliding-stem valves, including the easy-e™, HP, EH, FB, and 461 valves. The double-acting design of the actuator results in stiff, precise positioning. Spring-return constructions are also available and offer a fail open or closed mode of operation when paired with a valve.</p>	
	<p>Fisher™ 1078 Declutchable Manual Actuator</p> 	<p>Fisher 1078 manual actuators are declutchable actuators for manual operation of control valves and equipment that use power actuators. The dimensions of these shafts are the same as those used with H mounting adaptations. The stub shaft fits into a square broach in the manual actuator sector and spacers secure the shaft in the appropriate position</p>	
	<p>Fisher™ 1077 Manual Handwheel Actuator</p> 	<p>Fisher 1077 manual-only handwheel actuators are intended for use with rotary-shaft valves. Torque is transmitted from the handwheel through the handwheel input shaft to a worm and drive sleeve gear (sector) with splined bore. The worm and drive sleeve gear multiply the torque and transmit it to a splined valve shaft or splined stub shaft.</p>	
<p>Pressure Relief Valve</p>	<p>Crosby OMNI- TRIM Pressure Relief Valves</p> 	<p>Reliable and economical overpressure protection for thermal relief and many more applications</p>	<p>https://maps.app.goo.gl/Y4RvBTfyaB5hv6PP7</p>




	<p>Crosby J-Series Direct Spring Pressure Relief Valves</p> 	<p>J-Series valves provide high quality and dependable overpressure protection for air, gas, steam, vapor, liquid and two-phase applications in one simple design. Now available with two new to the world technologies, Balanced Diaphragm and Bellows Leak Detection.</p>	<p>https://maps.app.goo.gl/Y4RvBTfyaB5hv6PP7</p>
	<p>Anderson Greenwood Series 200/400/800 Pilot Operated Relief Valves</p> 	<p>Premium performance and advanced technology for overpressure protection</p>	
<p>Industrial Regulator</p>	<p>Fisher™ MR95 Series Pressure Regulator</p> 	<p>MR95 Series regulators are compact, large-capacity, direct-operated pressure regulators. Typical applications include superheated steam, steam injection, steam tracing, nitrogen purging, boiler feed water, process chemicals, cooling water, test fixtures, wash tanks, sterilizers/autoclaves, fuel lines, pneumatic supply, and many others.</p>	
	<p>Fisher™ MR98 Series Backpressure Regulators, Relief, and Differential Relief Valves</p> 	<p>MR98 Series is used for backpressure or relief applications in liquid, gas, air, and steam service. The Types MR98L, MR98H, and MR98HH are direct-operated and spring-loaded. The Types MR98LD, MR98HD, and MR98HHD use additional pressure loading to maintain relief differential pressures, backpressures or for remote setpoint adjustment.</p>	

<p>Fisher™ 627 Series Commercial / Industrial Regulators</p> 	<p>Fisher 627 Series direct-operated pressure reducing regulators are for low and high-pressure systems. These regulators can be used with natural gas, air or a variety of other gases. Performance characteristics vary according to construction.</p>	
<p>Fisher™ Type 630 Regulator</p> 	<p>Fisher Type 630 Big Joe™ regulators are direct-operated, spring-loaded, pressure reducing regulators available in NPS 1 & 2 / DN 25 & 50 body sizes designed for maximum inlet pressures to 1500 psi/103 bar and outlet pressures from 3-500 psi/0.21-34.5 bar. Type 630 can be used with natural gas, air, or a variety of other gases for such applications as first-stage farm-tap or high-pressure industrial regulators. They can be converted to a relief valve in the field.</p>	
<p>Fisher™ Type 63EG-98HM Pilot-Operated Relief Valve or Backpressure Regulator</p> 	<p>Type 63EG-98HM can be used for gas, liquid, or steam applications. For applications up to 550°F / 288°C, the Type 63EG-98HM utilizes high temperature Ethylenepropylene (EPDM) or Perfluoroelastomer (FFKM) for class VI shutoff. If used in a corrosive service, Perfluoroelastomer (FFKM) and other elastomers are available options that offer superior resistance to heat and most corrosive chemicals.</p>	
<p>Fisher™ T205 Series Tank Blanketing Regulators</p> 	<p>The T205 Series tank blanketing regulator is a direct-operated and spring-loaded regulator. The T205 Series maintains a slightly positive pressure to prevent a stored liquid from vaporizing into the atmosphere, reduces liquid combustibility, and prevents oxidation or contamination of the product by reducing its exposure to air.</p>	

	<p>Fisher™ Type Y696 Vapor Recovery Regulator</p> 	<p>Type Y696 is a direct-operated vapor recovery regulator with internal registration, requiring no downstream control line. This regulator is used to sense an increase vessel pressure and vent excessive internal tank pressure to an appropriate vapor recovery disposal or reclamation system.</p>	
	<p>Fisher™ Types 1098-EGR and 1098H-EGR Pressure Reducing Regulators</p> 	<p>Fisher Types 1098-EGR and 1098H-EGR regulators provide economical and accurate pressure control in a wide variety of applications; natural gas distribution systems; fuel gas supply to industrial boilers, furnaces, ovens, and mixers; and large commercial / industrial establishments such as shopping centers and schools. They are also used in plant air service and in liquid service.</p>	
<p>Hazardous & Explosionproof Lighting Solutions</p>	<p>Appleton™ Mercmaster™ Connect LED Luminaires</p> 	<p>The Appleton™ Mercmaster™ Connect LED Luminaire is a full-featured WirelessHART™ connected lighting solution with integrated motion and illuminance sensors in a rugged, corrosion-resistant housing, offering a range of dimmable lumen output options from up to 5,500 to 17,500 lumens. Featuring a multitude of customizable smart controls and accessories, these best-in-class connected LED luminaires achieve unprecedented application versatility with dimmable outputs, motion sensing and daylight harvesting, while meeting the most demanding task and area lighting requirements. Control a group of dimmable LED luminaires with Mercmaster Connects integrated 0-10V dimming controller. Mercmaster Connect adjusts the lighting intensity of dimmable wired LED luminaires to reduce energy usage and extend product life. The Plantweb™ Insight Connected Lighting</p>	

		<p>Application (optional) provides map-based commissioning of the lighting system and real-time information about lighting usage, energy consumption calculations, and maintenance priorities. They are cCSAUS rated for Class I, Division 2, Class II, and Class III hazardous locations, marine and wet locations, NEMA 3R, 4 and 4X and are certified for ATEX/IECEX Zones 2 and 21 - 22.</p>	
	<p>Appleton™ Mercmaster™ LED Low Profile Series Luminaires</p> 	<p>The Appleton™ Mercmaster™ LED Low Profile Luminaires are reliable, light-weight, compact and ideal for task and area lighting applications under 20'. Field changeable globes, 6kV standard surge, and a choice of lumen outputs and Correlated Color Temperatures (CCTs) make this product series a great option for hazardous locations where corrosive atmospheres exist. These luminaires ensure uniform light distribution without spotlight effects or dark spots and can be tailored in the field. Also available in an Emergency Battery Backup version, it offers 90- or 180- minute modes. This is the one harsh and hazardous location luminaire you can specify to meet all your low-mount application requirements, without compromise.</p>	
	<p>Appleton™ Areamaster™ Generation 2 LED Luminaires</p> 	<p>The Appleton Areamaster Generation 2 LED luminaires by Emerson deliver best-in-class LED performance. The redesigned Areamaster provides greater versatility, with models from 9,000 to 19,500 lumens and from 24,000 to 38,000 lumens for the High Lumen version, and a choice of beam patterns to meet your diverse floodlighting needs. Featuring new optic designs for superior uniformity and coverage, the Areamaster Generation 2 LED luminaires provide HID equivalent lighting that saves over 75 percent in energy costs and practically eliminates maintenance burdens. They are certified for NEC/CEC Class I, Division 2 and</p>	

		<p>Class II hazardous locations, marine and wet locations, as well as ATEX/IECEX Zones 2, 21 and 22.</p>	
	<p>Appleton™ Code•Master™ LED Factory Sealed Luminaires</p> 	<p>The Code•Master™ LED explosionproof luminaire is certified for Class I, Division 1 locations and offers a full range of lumen outputs and mounting options. Easy to install in new and retrofit applications, it fits in the same mounting hoods as our Code•Master luminaires with no rewiring. Easy to maintain, it offers field replaceable components and 60,000+ hours of operation with minimal maintenance. It is available in a full range of models equivalent to HID lamps from 100 to 750 Watts. The low profile design and optional diffused glass globe ensure adequate clearance and minimal glare in low ceiling applications, while the highest lumen output models provide ample lighting at mounting heights of 30 feet or higher.</p>	
	<p>Appleton™ Code•Master™ Jr. LED Factory Sealed Luminaires</p> 	<p>The Code•Master™ Jr. LED Factory Sealed Luminaires delivers an innovative standard of performance for hazardous Class I, Division 1 environments. Suitable for both new-builds and retrofit installs, this series uses the same mounting hoods as legacy Code•Master™ incandescent and HID luminaires providing quick and easy upgrades to LED lighting. It is available in models equivalent to incandescent lamps from 100-300 Watts and HID lamps from 50 to 150 Watts. The small footprint and light weight design are ideal for tight fit applications. The prismatic glass globe offers minimal glare for low ceiling applications. The highest lumen output models provides ample lighting at mounting heights of 15 feet or lower.</p>	<p>https://maps.app.goo.gl/EJqKsX189GW2Fye47</p>
	<p>Appleton™ A-51™ LED Factory Sealed</p>	<p>The Appleton™ A-51™ LED explosionproof luminaire is designed to provide the benefits of LED lighting in low mounting height applications previously served by incandescent</p>	

	<p>Luminaires</p> 	<p>luminaires. Easy to install in new and retrofit applications, it fits in the same mounting hoods as traditional incandescent A-51™ luminaires with no rewiring. Models are available for Group A, B, C and D areas (AAL) as well as strictly Group C and D areas (AL).</p>	
	<p>Appleton™ Explosionproof Rigmaster™ LED Linear Series Luminaires</p> 	<p>The Explosionproof Rigmaster™ LED luminaire provides comfortable, uniform illumination with two lumen packages for any Class I, Division 1 hazardous task lighting application. With its low profile design, versatile mounting options and safety centric elements, it is easy to install and delivers 60,000+ hours of operation with minimal maintenance. Also available in an Emergency Battery Backup version with 90- or 180- minute modes, it provides up to 1350 lumens of egress lighting. Rugged, reliable and rigorously tested to withstand high vibration and potentially explosive environments, this luminaire is durable enough to handle even the toughest applications drilling rigs entail.</p>	
<p>Control Stations and Control Panels</p>	<p>Appleton™ EFD/EFDB and EDS Control Stations and Pilot Lights</p> 	<p>Appleton™ explosionproof, dust-ignitionproof EFD/EFDB and EDS Series factory sealed control stations confine the arcing of devices within the enclosure, preventing ignition of ignitable atmospheres during control operation of motors and other equipment. A variety of push buttons and selector switches are available for use in conjunction with contactors or magnetic starters for remote control of motors. They provide circuit control and/or selection. Pilot lights are available to provide visual assurance that an electrical function is being performed at a remote or local location. EFD/EFDB and EDS Series control stations are designed for use in classified areas where flammable vapors, gases or highly combustible dusts are present.</p>	

Appleton™
Contender™ Series
Factory Sealed
Control Stations and
Pilot Lights



Appleton™ explosionproof, dust-ignitionproof Contender™ Series factory sealed control stations confine the arcing of devices within the enclosure, preventing ignition of ignitable atmospheres during control operation of motors and other equipment. A variety of push buttons and selector switches are available for use in conjunction with contactors or magnetic starters for remote control of motors. They provide circuit control and/or selection. Pilot lights are available to provide visual assurance that an electrical function is being performed at a remote or local location. Contender™ Series control stations are designed for use in classified areas where flammable vapors, gases or highly combustible dusts are present.

Appleton™
Contender™ Series
Factory Sealed Front
Operated Tumbler
Switches



Appleton™ explosionproof, dust-ignitionproof Contender™ Series factory sealed front operated tumbler switches are designed to prevent arcing of enclosed switches in ignitable atmospheres during connect and disconnect operation of lighting and light power loads. They are designed for use in classified areas where ignitable vapors, gases or highly combustible dusts are present such as chemical and petrochemical plants, refineries and other process industries.

Appleton™ EFS
Non-Sealed Tumbler
Switches



Appleton™ explosionproof, dust-ignitionproof EFS Series non-sealed tumbler switches are designed to prevent arcing of enclosed switches in ignitable atmospheres during connect and disconnect operation of lighting and light power loads. They are designed for use in classified areas where ignitable vapors, gases or highly combustible dusts are present such as chemical and petrochemical plants, refineries and other process industries.

O-Z/Gedney™ NE Series Disconnect Switches



O-Z/Gedney™ explosionproof, dust-ignitionproof NE Series fused and non-fused disconnect switches provide explosionproof protection in areas where hazardous materials are handled or stored. These units are used for overload and short circuit protection, control of lighting and power circuits.

Appleton™ Unicode™ 2 Series Stainless Steel Control Stations and Switches.









Appleton™ Increased Safety Unicode™ 2 Series stainless steel control stations and switches are ideal for use in hazardous locations and washdown areas. A variety of push buttons and selector switches are available for use in conjunction with contactors or magnetic starters for remote control of motors. They provide circuit control and/or selection. Pilot lights are available to provide visual assurance that an electrical function is being performed at a remote or local location.

Appleton™ ACSEW Cast Control Centers and Operators



Appleton™ explosionproof, dust-ignitionproof ACSEW Series allows you to combine controls, indicators and meters into one control center. The ACSEW is flexible enough to be used in an array of applications with a variety of button, switch and pilot device combinations, including different sizes of meter windows. Gray epoxy powder coat is available to provide a NEMA 4X rating. The internal cavity is kept spacious by an external flange and accepts operators spaced on 2-½" centers. The ACSEW most beneficial when having areas with minimum space or needing to centralize all controls in one area.

	<p>Appleton™ EDS Heavy Duty Disconnect Switches</p> 	<p>Appleton™ explosionproof, dust-ignitionproof EDS Series non-fused switches provide a safe means of disconnecting loads or controlling motors. The lightweight, compact design and internal flange provides the smallest footprint available for a disconnect switch in the industry. For use with heavy duty loads in hazardous environments. This 600 Vac 3-pole, motor circuit switch is available in 30, 60, 100, and 200 Amp units.</p>	
<p>Motor Starters</p>	<p>Appleton™ ACSE Series Manual Motor Starters</p> 	<p>Appleton™ explosionproof, dust-ignitionproof, waterproof ACSE Series pushbutton manual motor starters are mounted in rugged, compact enclosures. They are designed for starting single and polyphase Vac or Vdc motors</p>	
<p>Plugs and Receptacles</p>	<p>Appleton™ CES and CESD Factory Sealed 30 and 60 Amp Pin and Sleeve Receptacles</p> 	<p>CES and CESD Factory Sealed 30 and 60 Amp Pin and Sleeve Receptacles offer explosionproof protection for stationary or portable equipment used in hazardous locations. The Slide-Lok™ feature enforces a three-stage power insertion process to prevent unintended power up or accidental disconnect. Factory sealed and constructed of triple coated malleable iron with copperfree aluminum cover, these receptacles are designed for rugged and reliable performance.</p>	
	<p>Appleton™ JBR 30 and 60 Amp Series Interlocked</p>	<p>JBR Series 30 and 60 Amp Switched Receptacles are heavy duty flanged and bolted enclosures that provide exceptional safety in hazardous locations. The terminal block in the mounting box makes wiring easy, and a special polarization option prevents insertion of a plug into a receptacle wired for a different voltage. Dead front interlocked construction requires the plug to be fully inserted</p>	

	<p>Receptacles</p> 	<p>before the switch can be placed in the ON position.</p>	
	<p>Appleton™ FSQC 30, 60 and 100 Amp Series Interlocked Receptacles</p> 	<p>FSQC 30, 60 and 100 Amp Series Receptacles incorporate an interlocked disconnect switch for added safety in hazardous environments. The explosionproof and dust-ignitionproof FSQC is designed for use with Powertite™ plugs. Simply insert the plug and rotate the receptacle face to the ON position to lock it in place and energize the receptacle. For installations where different line voltages are used, a special polarization option prevents plug insertion into a receptacle wired for a different voltage.</p>	
	<p>Appleton™ NEC EBR 30, 60, 100 and 150 Amp Series Interlocked Receptacles</p> 	<p>EBR 30, 60, 100 and 150 Amp Series Receptacles incorporate your choice of an interlocked circuit breaker or disconnect switch along with explosionproof and dust-ignitionproof protection. The interlocked circuit breaker provides connect and disconnect operating functions as well as short circuit and thermal time delay overload protection, safeguarding valuable equipment against expensive damage. The interlocked disconnect switch provides safe connection and disconnection.</p>	
	<p>Appleton™ MD2SR 30, 60 and 100 Amp Series Interlocked</p>	<p>MD2SR Factory Sealed Interlocked Switched Receptacles are designed to provide short circuit protection in 30, 60 and 100 Amp versions. The internal, factory sealed switch provides safe and reliable power for hazardous, damp and corrosive environments. They are</p>	

	<p>Receptacles</p> 	<p>typically used for applications that require portable or fixed heavy duty equipment. A special polarization option prevents the insertion of a plug into a receptacle or connector that is wired for a different voltage.</p>	
	<p>Appleton™ U-Line™ Factory Sealed 20 Amp Plugs and Receptacles</p> 	<p>U-Line™ Factory Sealed 20 Amp Plugs and Receptacles are used with stationary or portable electrically operated devices in hazardous locations. The ECP Interchanger plug is designed with built-in switch contacts which activate when the plug is twisted into the receptacle. This design allows the ECP plug to fit into standard NEMA 5-20R and 6-20R receptacles, but does not allow standard plugs to be used with the receptacle, ensuring that only safe connections can be made in a hazardous location.</p>	
	<p>DeltaV distributed control system</p>  <p>DeltaV™ Electronic Marshalling</p>	<p>The DeltaV distributed control system (DCS) improves your operations by harnessing today's predictive technologies in an easy, intuitive, and interoperable way to connect your people, processes, and production. The DeltaV DCS provides systems and tools to provide the decision integrity to run your operation at its full potential. Emerson designed the DeltaV DCS to simplify tasks throughout the lifetime of your facility</p> <p>DeltaV™ Electronic Marshalling delivers a new level of control system I/O performance with unprecedented flexibility and ease of use. The CHARM I/O card (CIOC) supports up to 96 individually configurable channels and</p>	<p>https://maps.app.goo.gl/EJqKsX189GW2Fye47</p>



is designed specifically for multi-core home run cables in centrally located marshalling cabinets. It can also be installed in field junction boxes to further reduce system design and installation costs. All communications are completely redundant from the channel (CHARM) to the DeltaV controller

SCADA platform



OpenEnterprise v3 is a SCADA platform designed for remote oil and gas applications where data integrity and uptime are essential over complex communications networks, enabling you to improve productivity, enterprise integration, reliability, and profitability. By linking operations with back office business systems, OpenEnterprise unlocks process data and transforms the efficiency and profitability of your operation. Your remote oil and gas operations are easier, safer, and more productive.

RTU Cabinet



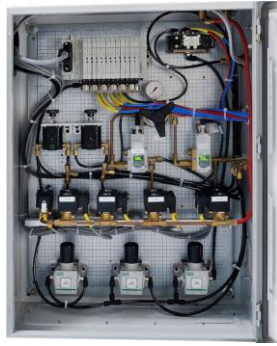
RTU Cabinet

Vibration Monitoring System Cabinet



Vibration Monitoring System Cabinet that contains AMS6500 Vibration Monitoring rack with all the required cards, power supply and cabling inside the cabinet.

	<p>Custody Flow Computer Cabinet</p> 	<p>Custody Flow Computer Cabinet that contains FloBoss S600+ flow computer with all required signals, switches, power supply and cabling inside the cabinet</p>	
<p>Discrete Automation</p>	<p>Asco Solenoid Valve 327 Series</p> 	<p>The Asco Series 327 is a line of 3/2-way direct-acting solenoid valves requiring zero minimum operating pressure. Its balanced poppet construction permits high flows at minimum power levels, making it ideal for power plants, refineries, and chemical processing facilities.</p>	<p>https://maps.app.goo.gl/Y4RvBTfyaB5hv6PP7</p>
	<p>Asco Air Filter Regulator 342 Series</p> 	<p>The Asco Series 342 stainless steel pressure filter/regulators are designed to meet the demands of harsh process environments. The series provides high flow rates with precise pressure regulation to actuators and ensures clean, dry media to eliminate contamination to downstream devices.</p>	
	<p>Asco/Aventics Pneumatic Panels (Cabinet/Enclosure Solutions)</p>	<p>ASCO enclosure, panel and integrated assembly solutions greatly simplify the challenge of designing and engineering your fluid automation system. By handing</p>	



over the responsibility to an expert, this frees up valuable resources, reduces the number of suppliers and ensures that you keep a firm control of overall project deadlines and costs. Emerson's fully assembled, tested and certified enclosures and panels are easily installed and connected, helping to get production started sooner. These pre-packaged customized solutions free up purchasing, finance, logistics and order management resources, lowering procurement costs by 30%. Also, fixed price pneumatic systems prevent any surprises at the end of the project.

- **Contact us:**

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