Components and Solutions for Process Automation

www.pepperl-fuchs.com

Intrinsic Safety Barriers

- Global leader in intrinsic safety technology with an extensive range of modules and systems
- K-System (DIN rail) offers the most comprehensive portfolio of isolated barriers on the market
- H-System (termination board) offers a range of engineered termination boards tailored to the requirements of control system manufacturers
- THE BARRIER universal digital or analog input/output isolated barriers

Interface Solutions

- Easy-to-mount K-System offers the most extensive range of signal conditioners on the market
- Slim, powerful SC-System offers high-quality isolation and an extended temperature range
- M-LB surge protection systems with diagnostics

VisuNet Industrial Monitors and HMI Solutions

- Operator workstations, panel-mount solutions, industrial box thin clients, and peripherals with global certifications up to Class I, Div. 1/21 and Zone 1/21
- RM Shell—simplified touch screen-optimized firmware for remote connectivity to servers or host PCs
- Control Center—stand-alone software enables configuration, maintenance, and support from a centralized workstation for RM Shell thin clients

ecom Intrinsically Safe Mobile Devices

- Global market leader for intrinsically safe mobile devices
- Smart-Ex® smartphones, Tab-Ex® tablets, Ident-Ex® scanner, and more mobile devices for hazardous locations up to Class I, Div. 1/21 and Zone 1/21
- Service contracts, mobile device management, and custom software loads to support mobile workers every step of the way
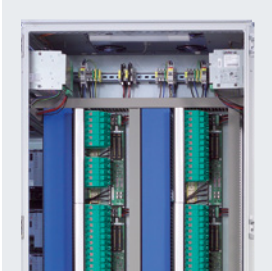
Bebco EPS® Purge and Pressurization Systems

- Globally certified purge and pressurization solutions from The Leaders in Purging Technology®
- Type X/Ex pxb, Type Y/Ex pyb, and Type Z/Ex pzc systems with automatic control, digital user interfaces, and pre-set purge programs
- Compact, low-profile designs for easy, flexible integration

Your automation, our passion.

PEPPERL+FUCHS

Electrical Explosion Protection Equipment

- Extensive portfolio covering all standard protection types and international certification requirements
- Terminal and junction boxes in a range of materials and sizes
- Control units/stations, control and distribution panels, disconnect/safety switches, and a range of cable glands and accessories
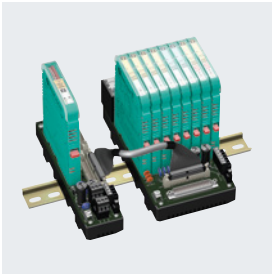
Solution Engineering Centers (SECs)

- Fully certified, ready-to-install solutions for customers all over the world
- With SECs in North America, Europe, Asia-Pacific, and Australia, a team of experts is always nearby
- Full support from initial design to manufacturing to certification and installation in hazardous environments
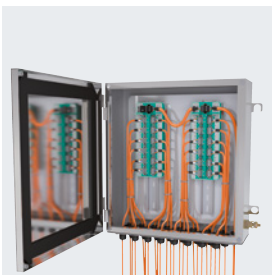
*Wireless*HART Solutions

- *Wireless*HART gateway, device adapter, and temperature converter establish a wireless network for communicating to individual devices via HART technology
- BULLET® *Wireless*HART adapter is the only adapter available in an explosion-proof housing
- Viator® modems provide easy access to HART data embedded in field instruments—a variety of interface options for hazardous and non-hazardous locations

HART Interface Solutions

- Pepperl+Fuchs HART solutions unlock your plant's digital capabilities
- K- and H-System HART multiplexers ensure the best possible communication between asset management systems and HART field devices
- HART loop converter reads up to four variables from a HART field device and transmits them as analog output signals

FieldConnex® Fieldbus Infrastructure

- Power supplies that support the high-power trunk installation method
- Segment Protectors and FieldBarriers® for device connectivity in hazardous areas, and multi-input/output for connecting discrete signals to control systems
- Fieldbus advanced diagnostic tools enable commissioning, monitoring, and troubleshooting—available in stand-alone motherboard or handheld options

Remote I/O Systems

- The link between conventional field technology and bus technology
- Modular FB system for Zone 1 with innovative plug-in design saves space and reduces costs
- Backplane-mounted LB system for Class I, Div. 2 / Zone 2 and non-hazardous areas

Your automation, our passion.

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