



ENGINEERED SYSTEMS & SOLUTIONS KEY COMPONENTS FOR HAZARDOUS ENVIRONMENTS



WORLD CLASS PRODUCTS BY PEPPERL+FUCHS – AN INTEGRAL PART OF YOUR SOLUTION



Point-To-Point

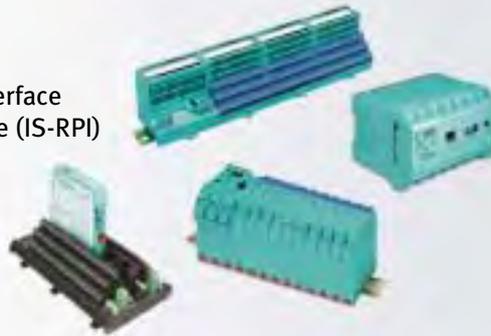
K-System and HiD2000 intrinsic safety isolators, zener diode barriers, signal conditioners, logic controls, surge suppressors

- Power Rail compatibility
- Safety Integrity Level (SIL) ratings
- International certifications

Point-To-Bus

HART Interface Solutions (HIS), Remote Process Interface (RPI) and Intrinsically Safe Remote Process Interface (IS-RPI)

- Custom solutions for major control systems
- Simple integration
- Remote I/O with reduced wiring



Bus-To-Bus

FieldConnex® – Foundation Fieldbus and PROFIBUS products

- Power supplies, segment couplers, repeaters, junction boxes, segment protectors, FieldBarriers, terminators and cables/cordsets
- Standard, non-incendive (Div. 2/Zone 2) and intrinsically safe (Div. 1/Zone 0, 1) solutions
- Installation accessories

Field Instruments

Level sensing, corrosion monitoring, power supplies and BEBCO EPS® purge & pressurization

- Complete line of corrosion transmitters and point and continuous level instruments
- Mission critical (N+1) power supply equipment
- Universal purge & pressurization systems



Extec HMI Solutions

Automation products for control, monitoring and display including standard and customized solutions

- Remote monitoring stations
- Intrinsically safe process terminals
- Industrial PCs and interface panels for hazardous environments
- Barcode scanning solutions

CABINET SOLUTIONS

Pepperl+Fuchs supports a wide range of cabinet solutions including **interface, marshalling, control room** and **fieldbus power** types. We are able to integrate our full line of products into a cabinet that reduces your commissioning time, and most importantly, reduces your upfront costs. Our intrinsic safety, purge & pressurization, fieldbus, power supply and HART interface products can be combined into a complete project solution to meet the exact requirements of your application.



As a leading manufacturer of process interface equipment, our products are easily integrated into any panel design for maximum uptime and superior performance. We can integrate any of our products into

custom designed cabinet solutions for your application. Our cabinets are engineered and assembled to your specifications and our design team is available to assist during any phase of your project.

PANEL SOLUTIONS

Pepperl+Fuchs remote I/O systems, fieldbus hubs and purge controllers are ideal for wall or skid mount panels for your conventional or fieldbus applications. With the addition of a comprehensive purge controller, a panel can be used in a hazardous or corrosive environment.



P+F can engineer a panel for a rugged, nonintrusive but accessible design. These custom engineered solutions are suitable for OEMs or projects and are designed to meet the necessary environmental requirements, whether that means indoor, outdoor, clean, harsh, corrosive or hazardous.



SYSTEMS & SOLUTIONS UTILIZING PRODUCT FAMILIES

FIELD ENCLOSURES

Pepperl+Fuchs fieldbus products, pushbuttons, LEDs and purge systems are easily integrated into a complete field enclosure solution. Whether the cabinet requires a complex wiring scheme or a simple pushbutton interface, our enclosures are designed for easy installation and operation.

The process industry requires rugged designs and reliable operation; therefore, we use only the highest quality products in our solutions. P+F builds enclosures for panel, pipe, wall and machine mounting and we are able to offer our expertise during the critical feasibility and design phases of a project.



OPERATOR INTERFACES

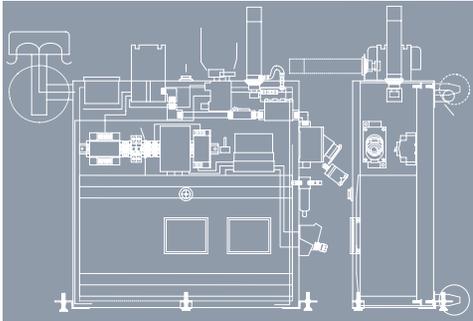
Pepperl+Fuchs offers custom design, engineering and assembly services to provide the correct product with the correct classification for your application.

Whether the requirement is for a **remote monitoring station**, an **intrinsically safe terminal** monitoring the process or an **industrial PC** solution for data analysis, P+F can

engineer a solution that fits your application and budget. Furthermore, we are able to incorporate barcode scanners and weighing equipment into our designs for a complete process automation solution.



PEPPERL+FUCHS SYSTEMS AT WORK IN YOUR PROJECT



Pepperl+Fuchs' design team can create the best solution for your application.



Pepperl+Fuchs – Your partner in system design

Pepperl+Fuchs products are used throughout the world in applications involving industrial, hazardous and corrosive environments. By engineering a complete solution at our own facility, Pepperl+Fuchs is able to offer its world-class products in a variety of panels and enclosures designed and built according to your specifications.

We are capable of developing and manufacturing a wide range of solutions including:

- Marshalling cabinets
- Displays and annunciators
- Distribution panels
- Control room cabinets
- Fieldbus panels
- Operator interface solutions
- Junction boxes
- Fieldbus power cabinets

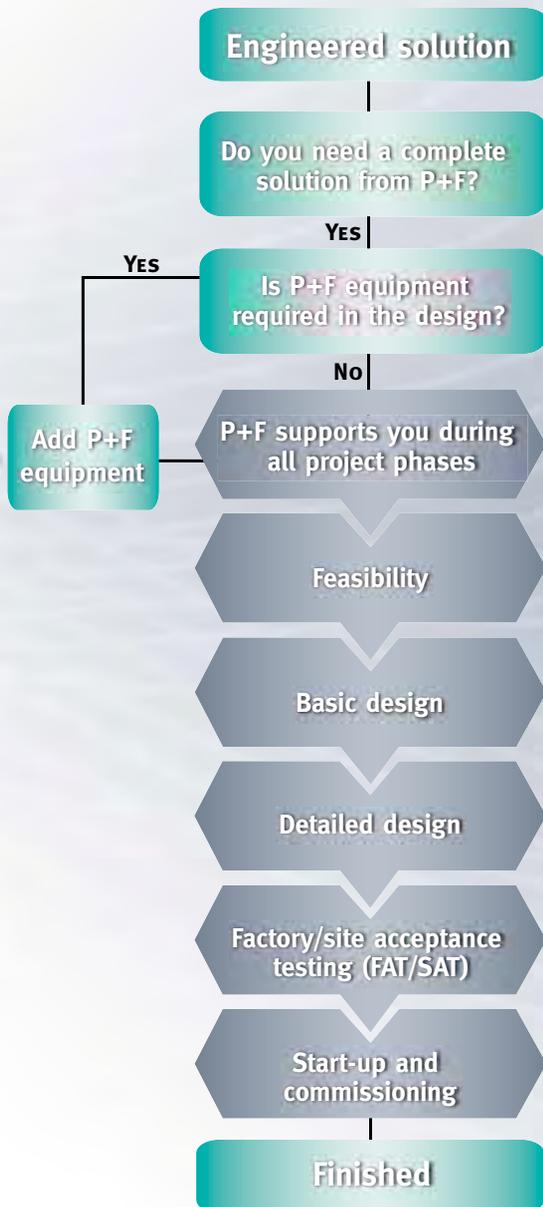
From the initial feasibility concept to start-up & commissioning, Pepperl+Fuchs' Systems & Solutions group will provide you with professional service and unmatched performance.



Pepperl+Fuchs' design team can assist you during any phase of your project.



Factory acceptance testing and evaluation can be conducted in-house or on site.





PROCESS AUTOMATION - CONNECTING YOUR PROCESS

For half a century Pepperl+Fuchs has been continually providing new impetus to the world of automation. We develop, manufacture and market electronic sensors and interface modules through our worldwide network. Our global presence and highly flexible production and service organisations enable us to offer you complete individual solutions – right where you need us! We know what we are talking about – because today Pepperl+Fuchs is the company with the largest selection of industrial sensor technology in the world – serving an exceptionally broad spectrum of applications. **Our signals move the World.**



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CONNECTING YOUR PROCESS