

Reliable Everywhere.



Global Purge and
Pressurization Solutions

Proven protection
meets modern technology.



Bebco EPS® purge and pressurization by Pepperl+Fuchs is a household name in the process automation industry. As The Leaders in Purging Technology®, we manufacture innovative solutions that are remarkably simple to use and will easily handle just about any application. Pepperl+Fuchs offers a full range of purge and pressurization equipment to meet the needs of your application.

7500 Series—Type Z/Ex pzc



- Global certifications
- Universal power: AC or DC
- Large, multi-feature touch display with all-digital setup
- Backlit LCD, vertical or horizontal orientation
- Bar graph for pressure and flow, LEDs for visual indication
- Easy setup with preset purge programs
- Automatic pressure compensation with digital manifold
- Compact, marine-grade aluminum powder-coated housing
- External or panel mount, user-configurable alarm contact



5500 Series—Type Z/Ex pzc



- Global certifications
- Single unit certified for gas or dust applications
- Completely automatic control unit provides purge, power, and monitoring to enclosure
- Automatic Rapid Exchange® for temperature control and leak compensation
- 2 RTD inputs for simple temperature monitoring and control
- 5 preset programs allow easy implementation without extensive technical knowledge
- 2-line, intrinsically safe, backlit LCD programming screen
- Horizontal or vertical, internal or external mounting



6000 Series—Type X/Ex pxb



- Global certifications
- Single unit certified for gas and dust applications
- Automatic setup with menu-driven configuration
- Automatic Rapid Exchange® for temperature control and leak compensation
- Bypass function for easy maintenance and commissioning
- Digital pressure relief vent with flow and pressure monitoring
- User interface rotates for horizontal or vertical mounting
- 2-line, intrinsically safe, backlit LCD programming screen
- Automatic power shutdown controls power to enclosure during system failure



Your automation, our passion.

 **PEPPERL+FUCHS**

6100 Series—Ex pxb



- Certified for ATEX and IECEx Zone 1
- Automatic system with menu-driven programming
- Maximum flow rate of 14,000 l/min
- Intrinsically safe user-interface for system programming and monitoring
- Control unit monitors system operation and controls enclosure power
- Auxiliary contact outputs for alarm or control
- Multiple temperature inputs for monitoring and control
- Automatic pressure compensation for excess leakage from motor



6500 Series—Ex pxb/pyb



- Certified for ATEX and IECEx Zone 1/21
- Certified to SIL 2 acc. to IEC 61508
- User-friendly, easy programming
- Automatic control of power, pneumatics, and temperature/pressure monitoring
- Universal power: AC or DC
- Intrinsically safe LCD touch pad user interface allows configuration and monitoring during operation
- Remote monitoring capabilities via RS-485/HART & Bluetooth® connection
- Preset programs for simple configuration
- Pressure relief vent for various flow rates and continuous flow/dilution



1000/3000 Series—Type Y/Z



- Certified to NFPA 496
- Certified for gas and dust applications
- Optional alarm output indicates loss of pressure
- Optional differential pressure switch for Class I, Group A-D, hazardous-area locations
- Large pressure gauge for visual status indication
- Multiple mounting options for completely versatile solution
- Simple, cost-saving manual operation



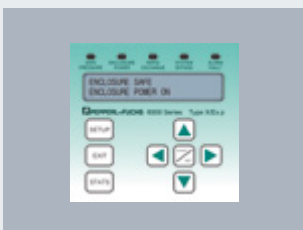
Enviro-Line—General Purpose



- Cost-effective approach for non-hazardous applications
- Kit includes all required hardware and tubing
- Optional general-purpose switch
- Ensures longer electrical equipment life
- Keeps caustic, corrosive, and dusty environment outside of enclosure



Purge System Components



Control Unit



Vent



Valve/Manifold



Enclosure



A product configurator is available to select a purge system that's right for your application:

pepperl-fuchs.com/purge