Reliable, Intuitive, and Advanced for Dependable Protection.

Pepperl+Fuchs BEBCO EPS®
6000 Series Type X/Ex pxb
Purge and Pressurization System



Your automation, our passion.

PEPPERL+FUCHS

6000 Series—Type X/Ex pxb

Cutting-Edge Technology for Dependable Protection

The 6000 Series is the most advanced Type X/Ex pxb purge system on the market. Designed as the complete solution for Zone 1/Div. 1 hazardous operations, this stainless steel unit contains the controller, pneumatics, electrical I/O, and programming interface in one sleek, fully automatic package. With an intuitive user interface that allows you to configure the system to meet your specific application needs, the 6000 Series provides reliable protection in the most demanding applications.

Product Details

- Globally certified to ATEX, IECEx, UL, cULus, and others
- Single unit certified for gas or dust applications
- Automatic setup with menu-driven configuration
- Automatic Rapid Exchange® for temperature control and enclosure pressure compensation
- Bypass function for easy maintenance and commissioning
- Digital pressure relief vent with flow and pressure monitoring
- Automatic power shutdown function controls the power shutdown of the enclosure in case of system failure
- Available in a component kit for easy and seamless integration into OEM applications
- Enclosure contact switching up to 12 A per contact

Technical Data	
Approvals	DEMKO, UL, cULus, IECEx, CCC, and others
Hazardous environment	Class I or II, Div. 1 to non-hazardous, Zone 1/21 to non-hazardous
Rated voltage	AC: 90 ... 264 V/48 ... 62 Hz DC: 20 ... 30 V DC
Size	7.2 × 14.45 × 6 in (183 × 367.5 × 152.5 mm)
Weight	25 lb (11.4 kg)
Material / Degree of protection	316L stainless steel/Type 4X, IP66
Operating temperature	–20 ... +60 °C (–4 ... +140 °F)

For more information, visit
pepperl-fuchs.com/purge



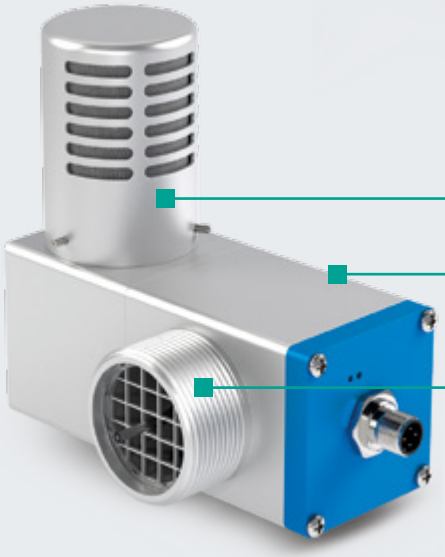
Service and support anywhere in the world.



6000 Series Control Unit



- Highly visible status LEDs
- 2-line, 20-character LCD with backlit display screen
- User interface rotates for horizontal or vertical mounting
- Easy connection to protective gas supply
- 316L stainless steel, Type 4X degree of protection (IP66)



EPV Vent

- Rotating vent cap
- Anodized 6063T marine grade aluminum or 316L stainless steel option
- Mounts on vertical or horizontal surface of enclosure

Your automation, our passion.

- Industrial Sensors
- Industrial Communication and Interfaces
- Enterprise Mobility
- Hazardous Area Products and Solutions

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