

Intelligent Features in Perfect Interaction.



Pepperl+Fuchs Bebcos EPS®
7500 Series Type Z/Ex pzc
Purge and Pressurization System



Your automation, our passion.

 **PEPPERL+FUCHS**

Revolutionizing Protection: Purge and Pressurization System

Engineered for simplicity, the Pepperl+Fuchs Bebcos EPS® 7500 Series delivers the features needed for reliable protection in Class I or II, Division 2, and Zone 2/22 hazardous areas. In addition to providing purged pressurization, it also continuously monitors enclosure conditions, makes automatic adjustments, and provides an output alarm for reliable protection—all in a low-cost, streamlined solution.

Flexible Protection and Unmatched Reputation

The Pepperl+Fuchs Bebcos EPS brand stands for excellence in design, technology, distribution, competitive pricing, and delivery. As global leaders in purge and pressurization solutions, our reputation in the industry is unmatched. We are committed to working with you as a partner—to understand the needs of your market and to develop cutting-edge solutions that confront the demands of hazardous area protection.

Service and Support Anywhere in The World

With decades of experience in hazardous area protection, Pepperl+Fuchs has the ability to provide exceptional customer service and support that you can rely on. With offices in over 140 countries across the globe, we are always nearby and ready to assist anywhere in the world.

- Automatic or manual system
- Easy setup—preset purge programs
- LEDs for visual indication
- User-configurable alarm contact
- Enclosure contacts
- Universal certifications
- Backlit LCD touch screen for programming
- Automatic leakage compensation

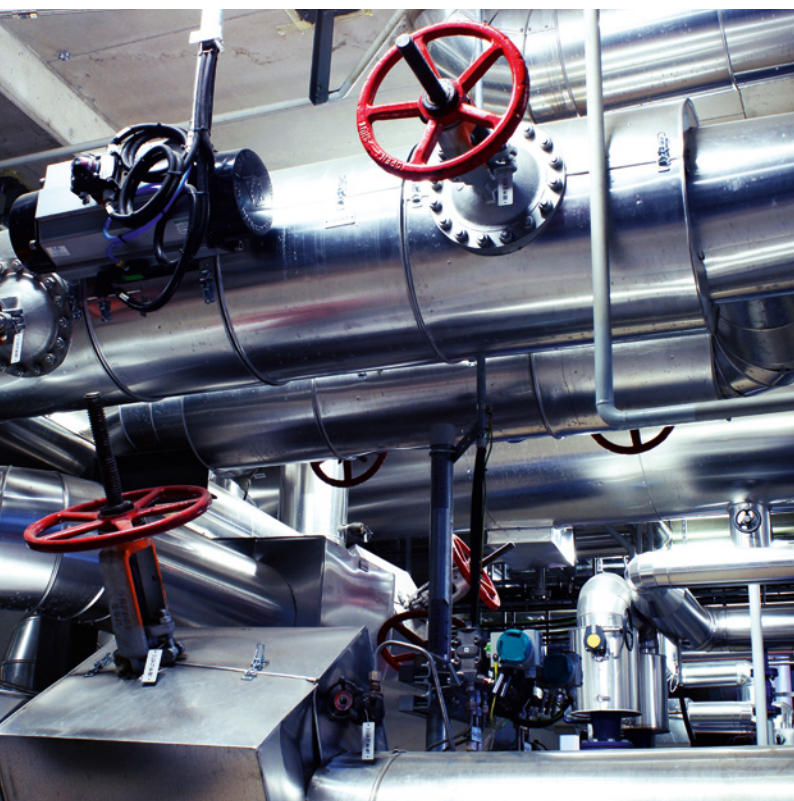
Technical Data

Approvals	UL, cULus, IECEx, ATEX, CCC and others
Hazardous environment	Class I or Class II, Div. 2 and Zone 2/22 to non-hazardous
Rated voltage	AC: 90 ... 250 V/50 ... 60 Hz DC: 20 ... 30 V DC
Weight	Approx. 1.56 lb (0.71 kg)
Material/Degree of protection	A380, A356, or 6061-T6 aluminum/Type 4X, IP66
Operating temperature	-40 ... +50 °C (-40 ... +122 °F) at T6 -40 ... +65 °C (-40 ... +149 °F) at T5 -40 ... +70 °C (-40 ... +158 °F) at T4



For more information, visit

www.pepperl-fuchs.com/purge7500



7500 Series—Type Z/pzc

System Overview

Compact, marine grade aluminum powder coated housing

Backlit LCD, vertical or horizontal orientation

Large, multi-feature touch display, all digital setup, bar graph for pressure and flow, program selection

External or panel mount with optional manifold mounting

Universal AC/DC

NEC, CEC, ATEX, and IECEx third-party certifications



Panel Mount



External Mount



Vent

Variety of pressure relief vents for every application



Manifold

Use manual or automatic purging and pressurization manifolds



Your automation, our passion.

Explosion Protection

- Intrinsic Safety Barriers
- Signal Conditioners
- FieldConnex® Fieldbus Infrastructure
- Remote I/O Systems
- Electrical Explosion Protection Equipment
- Purge and Pressurization Systems
- HMI Systems
- Mobile Computing and Communications
- HART Interface Solutions
- Surge Protection
- Wireless Solutions
- Level Measurement

Industrial Sensors

- Proximity Sensors
- Photoelectric Sensors
- Industrial Vision
- Ultrasonic Sensors
- Rotary Encoders
- Positioning Systems
- Inclination and Acceleration Sensors
- Vibration Monitoring
- Industrial Ethernet
- AS-Interface
- IO-Link
- Identification Systems
- Displays and Signal Processing
- Connectivity

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Pepperl+Fuchs Quality

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