

**Trusting in Experience.  
Relying on Expertise.  
Revolutionizing Protection.**



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.

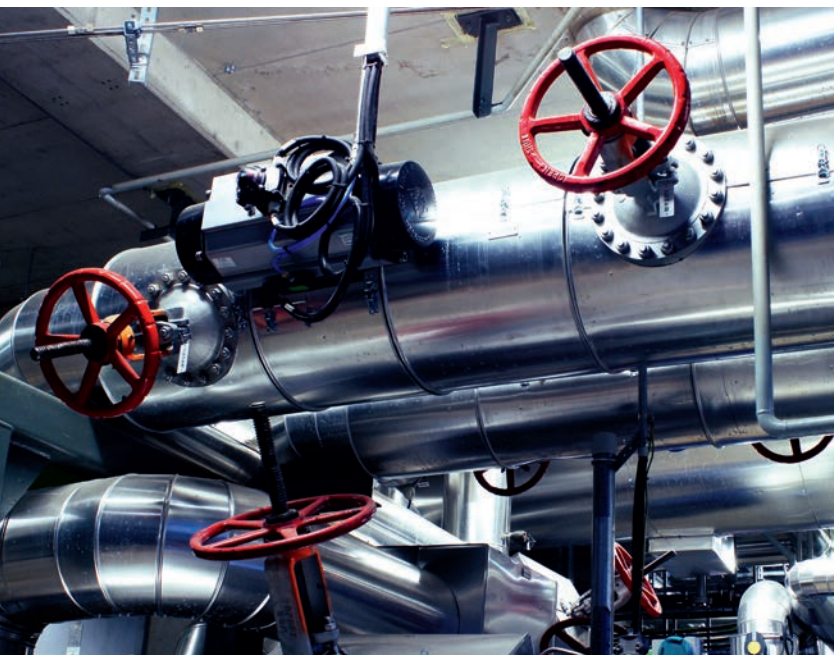
### Technical Data

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

## 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



# System Overview

Backlit LCD, vertical or horizontal orientation

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

Compact, marine grade aluminum powder coated housing



External or panel mount with optional manifold mounting

Universal AC/DC

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

## Flexible Mounting Options and Accessories

### 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 Sensors
- Industrial Ethernet
- AS-Interface
- IO-Link
- Identification Systems
- Displays and Signal Processing
- Connectivity

[www.pepperl-fuchs.com](http://www.pepperl-fuchs.com)

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