The Allrounder.

Discover the power supply for the most demanding applications around the world.

PS1000 for Global Use
Up to Zone 2/Div. 2

Your automation, our passion.

PEPPERL+FUCHS

Industrial Power Supplies Suitable for DIN-Rail Mount Installations

With the addition of the PS1000 power supplies to the range, Pepperl+Fuchs quality is now available for every area of the control cabinet. The power supplies are certified for use up to Zone 2/Div. 2 hazardous locations. Their highly efficient design makes them suitable for universal use in all industries, even in applications with high demands on reliability and quality.

At a Glance

- The compact housing design saves space in switch cabinets
- Versatile use due to certification for Zone 2/Div. 2 and a temperature-resistant design up to 70 °C
- High availability through the use of N+1 and 1+1 redundant power supply configurations
- Excellent energy efficiency: typically above 95 %
- Low inrush currents protect the supply network and its components
- Remote control for ON/OFF enables convenient central operation
- Relay contact for remote monitoring: signaling of impermissible deviations from the set output voltage
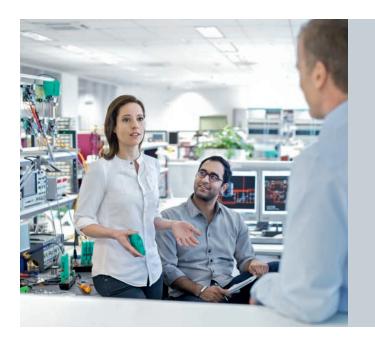- Safe operation due to uninterrupted voltage supply of up to 40 A

Industrial power supplies from Pepperl+Fuchs are the ideal solution for powering control cabinets and are perfect for field boxes due to their compact and lightweight design. The modules are rated up to 70 °C and provide an interruption-free supply ranging from 5 to 40 Amps, with options for 12 VDC, 24 VDC, or 48 VDC output.

The PS1000 series power supplies provide maximum application flexibility and can be used wherever DIN rail mounting is required. With N+1 and 1+1 redundant power supply configurations, the series ensures uninterruptible power supply for business-critical applications. The adjustable output voltage allows the voltage to be matched to any cable length, ensuring full functionality in all applications. When the input voltage is applied, active inrush current limiting provides comprehensive device protection.

To ensure that the modules have a long service life, they are equipped with high-end components that guarantee low power dissipation and high efficiency. The Peak Output Power function allows even heavy loads such as motors and electronic devices to be connected. The PS1000 variants with IO-Link offer a future-proof interface that enables extensive diagnostic and configuration processes on devices during operation.

For more information, visit
pepperl-fuchs.com/pf-ps1000

Quality Policy of the Pepperl+Fuchs Group

Pepperl+Fuchs is known by customers around the world as a pioneer and innovator in electrical explosion protection and sensor technology. Our focus is always on the individual requirements of our customers: With a passion for automation and pioneering technologies, we are committed to working in partnership with our customers–today and in the future.
We understand the requirements of your markets, we develop specific solutions, integrate our technology with your processes, and support you on the path to digitalization. In doing so, we stand for the sustainable, non-negotiable quality of our products and services.

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

Pepperl+Fuchs Quality
Download our latest policy here:

www.pepperl-fuchs.com/quality

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