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

High-End Modules for Universal Use: 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 switch cabinet. The power supplies have been certified for use up to Zone 2/Div. 2 hazardous locations. Due to their highly efficient designs, they are suitable for universal use across all sectors, even in applications with incredibly stringent requirements on reliability and quality.

At a Glance

- The compact housing design saves space in switch cabinets
- Suitable for a wide range of applications due to certification for Zone 2/Div. 2 and a design capable of withstanding temperatures up to 70 °C
- High availability is assured through the use of N+1 and 1+1 redundant power supply configurations
- Excellent energy efficiency: efficiency typically above 95 %
- Low inrush currents protect the feeding network and its components
- Remote control for ON/OFF enables convenient central operation
- Relay contact for remote monitoring: Signaling unacceptable deviations from the intended output voltage setting
- Safe operation due to uninterrupted voltage supply of up to 40 A
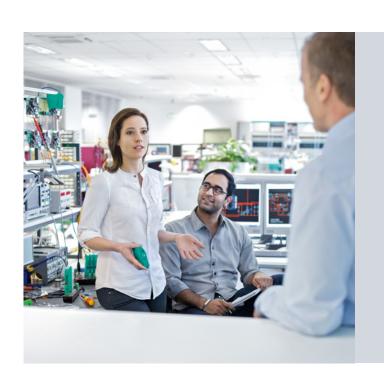
Industrial power supplies from Pepperl+Fuchs are the ideal solution for supplying power to switch cabinets, and their compact design makes them perfect for field boxes too. Furthermore, they are suitable for a wide range of additional applications related to automation technology, and are not limited to interface technology applications or use with specific product lines. Industrial power supplies combine optimal immunity to interference and a high level of efficiency with proven durability and reliability. This significantly increases plant availability and minimizes downtime.

The power supplies in the PS1000 series offer maximum application flexibility and can be used wherever installation for mounting on DIN-rail is required. With N+1 and 1+1 redundant power supply configurations, the series ensures an uninterrupted supply of power for business-critical applications. While the adjustable output voltage makes it possible to adapt the voltage to suit any cable length and therefore guarantees full functionality in all applications, the active limitation of the inrush current when the input voltage is applied provides thorough equipment protection.

To ensure that the modules enjoy a long service life, they are equipped with high-end components that guarantee low power dissipation and a high efficiency factor. The Peak Output Power function allows even heavy loads such as motors and electronic devices to be connected. The PS1000 versions featuring IO-Link offer a future-proof interface that allows comprehensive diagnostics and configuration processes to be carried out 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 main focus is always on the individual requirements of our customers: with a passion for automation and groundbreaking technology, we are committed to working in partnership with our customers now and in the future. We understand the requirements of your markets, we develop specific solutions, we integrate our technology with your processes, and we support you on the path to digitalization. In doing so, we stand by the sustainable, nonnegotiable 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 Monitoring
- 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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