Providing versatility.
Increasing performance.
Maximizing safety.

New GR Series GRP Enclosures for Terminal Boxes and Control Stations

Your automation, our passion.

PEPPERL+FUCHS
Maximum Protection and Efficiency. Electrical Explosion Protection from Pepperl+Fuchs.

- As an established partner of the process industry, Pepperl+Fuchs is known for its decades of experience and expertise in electrical explosion protection.
- The extensive portfolio includes solutions for all common types of protection and international certification requirements.
- Expertise and service around the globe:
  - More than 300 local sales experts close to you.
  - Solution Engineering Centers (SECs) offer points of contact on every continent.
Meeting the Needs of Our Customers

- Brand-new GR enclosure series draws from decades of experience
- High-strength glass-fiber reinforced polyester enclosure material
- From individual components to complete custom solutions including planning, consultation, and certification
Unique Design Opens Up a Range of Applications

- DIN rail mounting grid (10 mm) enables unlimited mounting options
- Special spacers allow components to be installed at different heights in a single housing
- Flexible modular configuration reduces design time
- Expanded temperature range down to –60 °C makes new applications possible and offers an alternative to expensive stainless steel enclosures
- Thirteen modular enclosures available from 10 × 10 × 7 cm up to 48×60×24cm or 36×72×24cm
Spacer

Mounting grid
Pry points

Hinge accessories

Edge protection
Robust Design Simplifies Handling

- Screwdriver pry points enable easy opening of the enclosure cover
- Edge protection prevents damage to the gasket
- Rugged hinge accessories simplify maintenance
- Ex e and Ex i terminal boxes and control stations
Innovative Design Allows Quick and Easy Installation

- Unique mounting concept allows one-person mounting
- Integrated edge protection for safe stacking, even during mounting

For more information, visit:
www.pepperl-fuchs.com/GR
One-person mounting

*Unique mounting concept easy as 1-2-3! No need to hold the enclosure during mounting*

- Insert screws 1 and 2 into the wall
- Temporarily hang the enclosure on screw 1 and swing it onto screw 2
- Mark and drill screws 3
- Tighten all four screws
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