As trusted partner to the automation industry, Pepperl+Fuchs draws on decades of experience and expertise in explosion protection. Our extensive portfolio covers all standard protection types and international certification requirements, zones and divisions, with gas and dust approvals.

Global service is a top priority: with six Solution Engineering Centers (SECs) around the world, our experts are always nearby to provide optimal support for customers. More than 300 local sales representatives are available to offer expert help. This ensures that customers can always find the support they need, wherever they are.

More information: www.explosionprotection.com

Terminal and Junction Boxes
- From small junction boxes to complex, configurable terminal boxes
- Customized configuration of terminals, cable entries and cable gland types
- GRP—Stainless Steel—Aluminium
- Wide range of enclosure sizes
- Flexible and modular series
- Modern design with high impact resistance

Control Stations and Control Units
- Various sizes ready to be equipped with a wide array of monitoring and control functions
- Customized configuration of operators, cable entry quantities and cable gland types
- GRP—Stainless Steel—Aluminium
- Space saving installations
- Contact blocks to be mounted on the integrated DIN rail or on the lid

Control and Distribution Panels
- Comprehensive selection of enclosures for distribution panels in combination with non-Ex devices
- Integration of electrical components and operating elements
- Stainless Steel—Aluminium
- Ex d or combined Ex de Panels for gas group IIB or IIC
- Windows can be integrated
Safety and Disconnect Switches

- Various main and auxiliary contact configurations cover many switching requirements
- GRP—Stainless Steel—Aluminium
- Labeling “0 – I”
- Padlockable switches
- 16 A, 25 A, 40 A Ex e versions
- 25 A, 63 A, or 100 A Ex d versions

Plugs and Sockets

- Mobile electrical energy connections in gas and dust atmospheres
- Devices can be selected for 16 A, 32 A, 63A and 125 A applications
- GRP housings
- Self-cleaning lamellar contacts
- Can be locked in OFF-position

Signaling Devices

- 5 and 15 J Xenon beacons or 160 cd LED beacons
- Numerous tones, stages, and output ranges for audible devices available
- Wide dB output range
- Available with Aluminium (LM6) or GRP housings
- Suitable for wall, ceiling and floor mounting

Cable Glands and Accessories

- Cable glands in plastic, brass nickel-plated or stainless steel
- Cable glands for armored, non-armored or shielded cables
- Stopping plugs, adapters, breather drains in polyamide or brass nickel-plated
- Wide clamping range for cable glands due to standard double seals
- Metric and NPT versions available

Purge and Pressurization Systems

- Full range of purge and pressurization equipment
- Various controller and complementary equipment
- Pressurized enclosure panels in Ex pxb, Ex pyb or Ex pz and Type X, Y or Z
- Automatic temperature and leakage control and alarming