Smart.
Small.
Unique.

Intelligent Surge Protection

Your automation, our passion.
Intelligent Surge – Unlimited Protection

- World’s first smart surge protection in a compact 6.2 mm housing signalling replacement before failure
- Indication and alarm outputs to integrate into the control system
- Elimination of wasteful compliance testing
Absolute Plant Availability

- Plug-and-play modular design for quick installation
- Loop disconnect for easy maintenance
- Hot swap during plant operations saving downtime
- No special tools required
Small.
6.2 mm –
Size Matters

- Smallest surge arrestor with inbuilt condition monitoring in the market
- Replacement of marshalling terminals with quick disconnect feature, isolating loops
- Highest packing density – reduction of cabinet space
Unique!
Lightning Does Strike Twice – Protect Your Plant Assets!

Lightning strikes cause irreparable damage to your plant assets. The damage and costs are huge – defective components, plant downtime, increasing insurance contribution... That’s why surge protection concepts are crucial in your plant. The ideal solution needs no space in the cabinet, is self-checking, easy to operate and provides plant safety all-over SmartSurge protection system M-LB-5000.

Discover more at www.pepperl-fuchs.com/surge-M-LB-5000
Your automation, our passion.

**Explosion Protection**
- Intrinsically Safe Barriers
- Signal Conditioners
- Fieldbus Infrastructure
- Remote I/O Systems
- HART Interface Solutions
- Surge Protection
- Wireless Solutions
- Level Measurement
- Purge and Pressurization Systems
- Industrial Monitors and HMI Solutions
- Electrical Explosion Protection Equipment
- Solutions for Explosion Protection

**Industrial Sensors**
- Proximity Sensors
- Photoelectric Sensors
- Industrial Vision
- Ultrasonic Sensors
- Rotary Encoders
- Positioning Systems
- Inclination and Acceleration Sensors
- Fieldbus Modules
- AS-Interface
- Identification Systems
- Displays and Signal Processing
- Connectivity