

Enhancing project performance.  
Speeding up commissioning.  
Simplifying operation.

## THE BARRIER



Your automation, our passion.

 **PEPPERL+FUCHS**

# THE BARRIER – Universal Solution for Any Signal Type



Pepperl+Fuchs introduce THE BARRIER. A world first, offering complete flexibility and setting new standards by offering a universal isolated barrier which automatically adapts to virtually any field input signal type and DCS/ESD system I/O.

## **Start-Up: Easy, Fast, and Reliable**

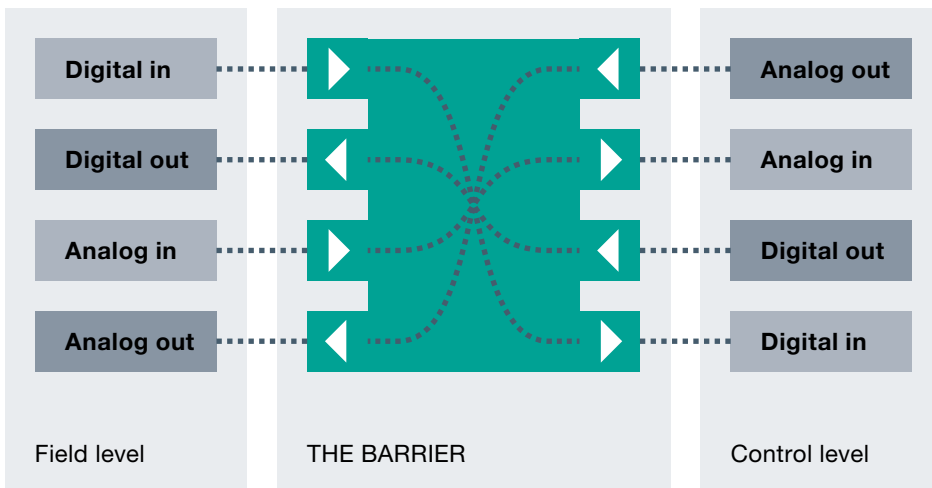
Fast installation and commissioning without hardware or software adjustments – this is what you can expect from the new THE BARRIER from Pepperl+Fuchs. THE BARRIER can be implemented reliably and without any problems, as configuration errors are eliminated. Changes to the system requirements can be executed easily and rapidly.

- Fast, easy commissioning without any adjustments to hardware or software
- Reliable, error-free implementation
- System requirements can be changed easily and rapidly

## **Planning and Acceptance: Standardization with Maximum Flexibility**

The Termination Boards of the H-System from Pepperl+Fuchs can be pre-wired with THE BARRIER regardless of the signal type. This enables you to use standardized switch cabinets, which significantly reduces costs for planning, engineering, and configuration. This reduces the time needed to implement the project considerably.

- High degree of flexibility when planning projects
- Pre-wiring possible regardless of signal type
- Reduces costs for planning, engineering, and configuration
- Marshalling cabinets not necessary any longer
- Reduces the error rate and the effort involved in acceptance testing



THE BARRIER adapts oneself to the required signal type – no configuration necessary!

### Ongoing Operation: Operation Made Easy

Always have the right module in stock. Reduce your storage costs, as fewer different parts are required. And cut down maintenance requirements too. THE BARRIER from Pepperl+Fuchs makes daily operation considerably easier and more efficient.

- Simple, tool-free module assembly
- Reduced amount of maintenance required
- Lower storage costs
- Simplified migration during ongoing operation

### Highlights Universal Barrier HiC2441

- Automatically adjusts to the signal type
- Requires no configuration
- Can be commissioned easily, quickly, and reliably

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## Explosion Protection

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

## Industrial Sensors

- Proximity Sensors
- Photoelectric Sensors
- Industrial Vision
- Ultrasonic Sensors
- Rotary Encoders
- Positioning Systems
- Inclination and Acceleration Sensors
- AS-Interface
- Identification Systems
- Logic Control Units