

# RocketLinx® ICRL Industrial Ethernet Switches

Managed and Unmanaged Gigabit  
and Fast Ethernet Switches



Your automation, our passion.

 **PEPPERL+FUCHS**

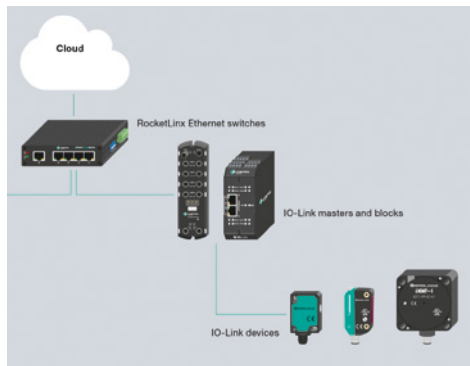
# Ethernet Switches—Perfect for Mission-Critical Applications

The RocketLinx® ICRL line of Ethernet switches are designed to meet the requirements of mission-critical industrial networking applications. We offer managed and unmanaged industrial Gigabit and Fast Ethernet switches to fit your specific needs. Unmanaged switches offer a cost-efficient, industrial-grade solution for easy plug-and-play network expansion at the field level. Managed Ethernet switches enable expansion of Ethernet connectivity from field to enterprise where advanced management, security, network redundancy, and mission-critical reliability are required.



## Easy Network Integration and Management

The RocketLinx managed Ethernet switches are supported by PortVision® DX software. This free software allows you to configure network settings, upload firmware, and manage and monitor Pepperl+Fuchs managed Ethernet switches, industrial gateways, and IO-Link masters from one application. Web UI, command line interface, and PortVision DX provide users and administrators with convenient and powerful configuration and management tools.



## Engineered for Reliability

The switches are designed with rugged metal housings for thermal conductivity and excellent heat dissipation. The slim, spacing-saving design allows for easy integration in control cabinets or panels including Class I, Div. 2 approvals, CE, FCC, and UL508 certifications. Each switch has a configurable alarm relay for port event notifications. These features improve reliability and support deployment in a wide range of harsh and industrial environments.



## Operational Integrity and Performance

Incorporated VLAN support for network segmentation enhances security and optimizes performance while redundant power inputs offer guaranteed uptime in the event of a power supply failure. With Rapid Spanning Tree and ring protocols, loops are eliminated and network redundancy is established. In addition, a built-in alarm relay provides on-site notifications for port link and power events.

**Management Interfaces\***

- Web UI
- Command line interface
- PortVision® DX

**Certification\*\***

- Class I, Division 2
- CE
- FCC
- UL 508
- NEMA TS2

**Environment**

- Wide operating temperature ranges
- High MTBF

**Enclosure**

- 5, 8, 12, and 20-port models available
- Metal housing
- DIN rail mounting

**Security and Network Performance\***

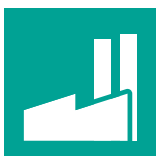
- Managed switches with the latest security and Layer 2 performance standards
- Unmanaged models featuring broadcast storm packet filtering
- Alarm relays for customizable event notifications

**Connection**

- RJ45 copper ports
- SFP fiber ports
- Fast Ethernet
- Gigabit



\*Only available on managed switches  
 \*\*Certifications vary by model



**Metal forming, steel, automotive**  
 Transfer data and connect network devices from field to enterprise



**Railways, traffic lights, and airports**  
 Transmit over long distances and withstand shock, vibration, and extreme temperatures



**Power stations, windmills, dams**  
 Transmission over long distances and immunity to electrical interference with SFP fiber optic connections



**Security**  
 Transfer data and connect operational, security, and surveillance systems



**Oil refineries, offshore rigs**  
 Monitor plant and manage remote assets in real-time, no matter the conditions



**Material handling**  
 Monitor plant and manage remote assets in real-time, no matter the conditions

# Your automation, our passion.

## Explosion Protection

- Intrinsic Safety Barriers
- Signal Conditioners
- FieldConnex® Fieldbus
- Remote I/O Systems
- Electrical Ex Equipment
- Purge and Pressurization
- Industrial HMI
- 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
- Fieldbus Modules
- AS-Interface
- Identification Systems
- Displays and Signal Processing
- Connectivity

Pepperl+Fuchs Quality  
Download our latest policy here:

[www.pepperl-fuchs.com/quality](http://www.pepperl-fuchs.com/quality)

