



Series 67 Electronic Conversion Adapter Kit

One kit. One box. For a fast, simple upgrade.

Description

Xylem's McDonnell & Miller Series 67 Electronic Conversion Adapter Kit enables the conversion of a traditional mechanical low water cut-off (LWCO) into a modern, field-configurable electronic monitoring and control system using the boilerwize® (FPC-1000) low water cut-off. Designed for straight forward installation, the boxed kit contains the components needed for a fast, cost-effective upgrade, while retaining the existing boiler tapping and piping configuration.

Why upgrade to an electronic LWCO solution?

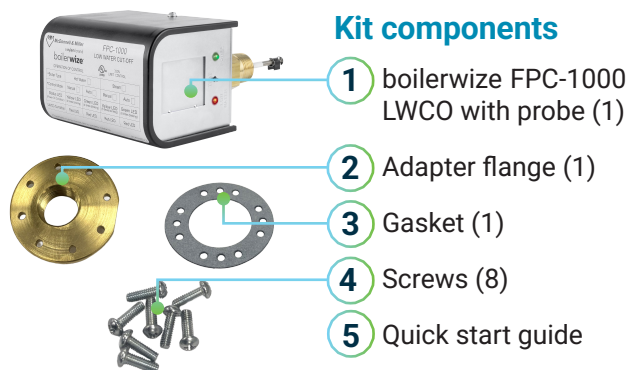
- **Mechanical LWCO:** Moving parts, regular maintenance, moderate accuracy, limited diagnostics.
- **Electronic LWCO:** No moving parts, low maintenance, high accuracy, advanced diagnostics.

Key benefits

- **Modernize without replacement:** Convert existing Series 67 LWCO installations into a modern electronic, field-configurable solution without removing the installed body
- **Enhanced reliability:** Eliminates mechanical wear components, reducing failure points
- **Improved safety and control:** Uses the FPC-1000 LWCO for precise water level detection
- **Reduced maintenance:** Self-cleaning probe minimizes servicing requirements
- **Quick installation:** The Series 67 Electronic Conversion Adapter Kit contains everything needed for installation for a fast, seamless and straightforward retrofit



Kit components



Model number	Part number	Description	Weight lbs. (kg)
FPC-1000-P-67	149705	FPC-1000 with standard probe and Series 67 adapter fitting	3.0 (1.3)



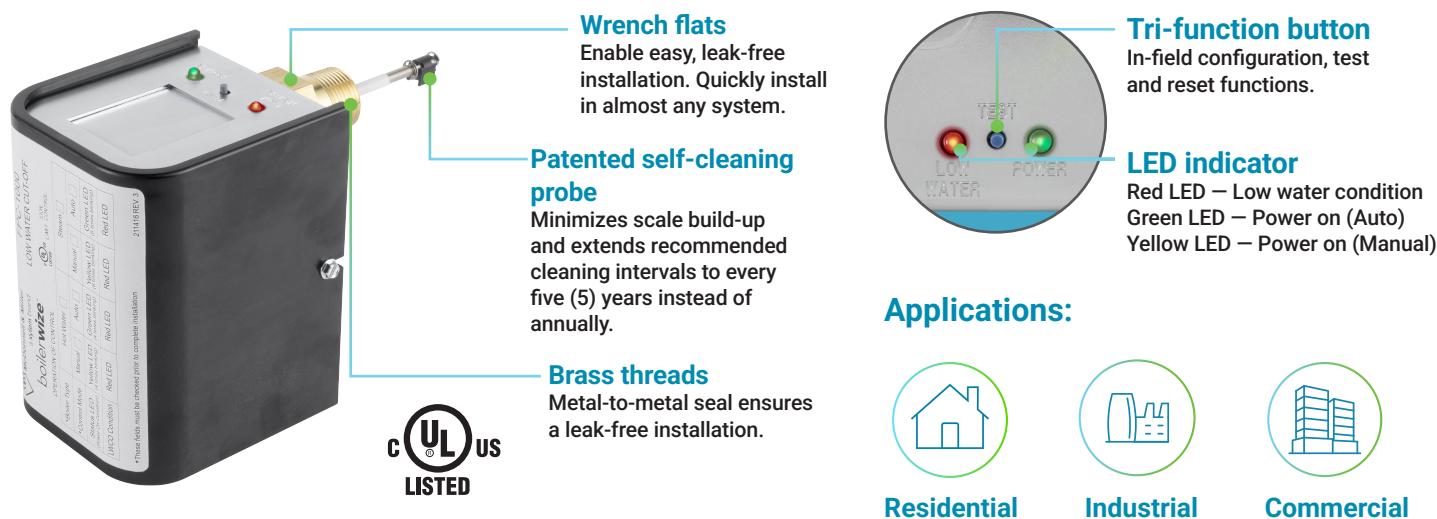
McDonnell & Miller
xylem

About the boilerwise FPC-1000 LWCO:

The boilerwise FPC-1000 is a versatile, field-configurable LWCO for steam and hot water boilers. It can be configured for 24V or 120V operation and automatic or manual reset. The FPC-1000 provides protection against low water conditions and can be used as a primary or secondary LWCO device in residential, commercial, and industrial applications.

How it works:

As a probe type LWCO, FPC-1000 uses patented technology to monitor changes in water conductivity. When defined parameters are exceeded, the FPC-1000 makes a decision to turn off the burner based on the volatility/variability of the resistance readings. This patented technology provides the best protection possible without turning off the burner unless a low water condition exists. As an added measure of safety, the control will turn off the burner if it detects an out-of-water condition or if the sensitivity threshold is exceeded.



FPC-1000 features:

- **First field-configurable control:** Easily configure FPC-1000 for 24V, 120V, auto or manual control for steam or hot water boilers.
- **Self-cleaning probe:** Proprietary probe-type design minimizes scale build-up.
- **Tri-function button:** Standard feature that allows:
 1. Push-to-test: Ensure proper operation without the need to drain the boiler.
 2. Manual reset: Reset the device when the water level has risen above the probe after a low water shutdown. (Manual reset configuration only.)
 3. Configuration: Selection button during configuration.
- **Condition indicator:** Multifunction LEDs indicate when a unit is powered on at Auto mode (green), Manual mode (yellow), and when a low water condition is detected (red) for easy visual confirmation of system status.
- **Easy, leak-free installation:** The metal-to-metal seal provided by the brass threads ensures a leak-free installation. Wrench flats and easy access wiring simplify installation for any hydronic system.

Xylem product cybersecurity:

Xylem values your system security and the availability of your critical services. For more information on Xylem cybersecurity practices or to contact the cybersecurity team, please visit xylem.com/security.

Xylem Inc.

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cut-off products

