

Low Water Cut-Offs – Electronic For Hot Water and Steam Boilers

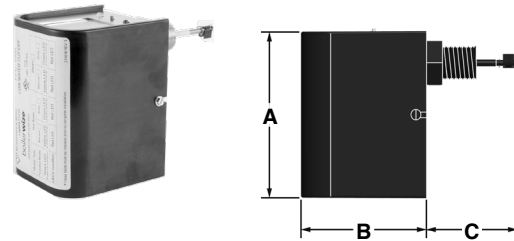


FPC-1000/FPCe-1000 boilerwise[^]™

- Field configurable control
- For residential, commercial or industrial applications
- Meets the requirements of ASME Standard CSD-1.

Standard Features

- Power on LED, green (Auto)/yellow (Manual)
- Red LED indicating low water condition
- Test/Reset/Configuration button
- Self cleaning probe
- No lockout with loss of power if probe is in water
- Optional feature - Bluetooth[®] connectivity allows customers to connect to mobile devices.



FPC-1000/FPCe-1000

Probe Specifications

- Maximum Steam Pressure:** 15 psi (1.0 kg/cm²)
- Maximum Water Pressure:** 160 psi (11.2 kg/cm²)
- Maximum Water Temperature:** 250°F (121°C)
- Probe Sensitivity:** 20,000 ohms (hot water)
7,500 ohms (steam)

Control Unit

Temperature Ratings:

Temperature:

Storage: -40°F to 120°F (-40°C to 49°C)

Ambient: 32°F to 120°F (0°C to 49°C)

Humidity: 85% (non-condensing)

Electrical Enclosure Rating: NEMA 1 General Purpose

Hz: 50/60

Control Power Consumption:

- 1.7 VA at 24 VAC
- 3.6 VA at 120 VAC

Electrical Ratings

Model	Voltage	Switch Rating (Amperes)		Pilot Duty
		Full Load	Locked Rotor	
24 VAC	24 VAC	—	—	50 VA at 24 VAC
120 VAC	120 VAC	7.5	43.2	125 VA at 120 VAC 50 or 60 Hz

Ordering Information

(Remote sensor must be ordered separately (see page 66-68))

Model Number	Part Number	Description	Weight lbs. (kg)
FPC-1000	144704	LWCO - w/o probe	2.5 (1.1)
FPC-1000-P	144705	LWCO - w/standard probe ('P')	2.5 (1.1)
FPC-1000-U	144706	LWCO - w/ext.barrel probe ('U')	2.5 (1.1)
FPC-1000-SP	144707	LWCO - w/short probe ('SP')	2.5 (1.1)
FPC-1000-RX2	144708	LWCO - w/RX2 probe	2.5 (1.1)
FPCe-1000-P	144709	LWCO - standard probe ('P') with bluetooth	2.5 (1.1)

Dimensions, in. (mm)

A	B	C
5 ³ / ₁₀ (133)	4 (101)	2 ⁹ / ₁₀ (73)

[^]FPCe-1000 is coming soon