

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

Series 751P/752P



- For commercial or industrial applications
- Primary or secondary control on hot water boilers
- Secondary control (manual reset models only) on steam boilers
- Manual reset models meet the requirements of **ASME Standard CSD-1**. If the control is in a low water condition when there is an interruption of power, the control will remain in a low water condition when power is restored. The reset button will need to be pressed when the water level is restored to a level above the probe to allow the burner to fire.

Standard Features

- Green LED indicating power is on
- Red LED indicating low water condition
- Test button
- Self cleaning probe
- No lock out with loss of power if probe is in water
- 20,000 ohms sensitivity

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 70-74))

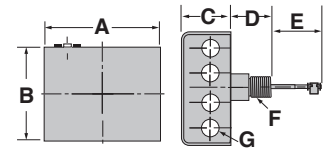
Model Number	Part Number	Description	Weight lbs. (kg)
752P-MT-24	176296	LWCO - 24V w/standard probe	2.5 (1.1)
752P-MT-U-24	176298	LWCO - 24V w/ext. barrel probe ('U')	2.5 (1.1)
752P-MT-SP-24	176297	LWCO - 24V w/short probe ('SP')	2.5 (1.1)
751P-MT-120	176234	LWCO - 120V w/standard probe	2.5 (1.1)
751P-MT-U-120	176214	LWCO - 120V w/ext. barrel probe ('U')	2.5 (1.1)
751P-MT-SP-120	176295	LWCO - 120V w/short probe ('SP')	2.5 (1.1)

Dimensions, in. (mm)

A	B	C	D			E			F	G
			Std.	SP	U	Std.	SP	U		
6 ⁵ / ₈ (168)	5 ⁵ / ₁₆ (135)	2 ³ / ₄ (70)	1 ⁹ / ₁₆ (40)	3 ¹ / ₁₆ (78)	1 ⁹ / ₁₆ (40)	2 ¹ / ₈ (54)	1 ⁵ / ₁₆ (33)	1 ⁹ / ₁₆ (40)	3/4	7/8 (22)



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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 ohm

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: 3 VA (max.)