

# LWC-800 Series Low Level Cut Off Control

- ▶ External Mounting
- ▶ Meets CSD1 Requirements
- ▶ U.L. Recognized "Limit Control"
- ▶ Compact Size
- ▶ Options Include: Manual Reset, Power Outage Feature, and Test Feature

Gems LWC-800 is designed for boiler low-water cutoff protection, and offers the most compact package for boiler and steam generators. For added safety, the sensor assembly incorporates redundant reed switches at the actuation level. The LWC-800 Series is ideal for R.O., distilled, or deionized water systems.

### Optional Features:

- Power Outage feature allows for resets after nuisance power outages;
- Reset Button feature to be used when device has been deactivated due to low water condition. A Reset is activated only after water has returned to normal level.

### Specifications

<b>Wetted Materials</b>	
<b>Bottle Housing</b>	Brass
<b>Stem and Mounting</b>	Brass
<b>Float Assembly</b>	316 Stainless Steel
<b>O-Ring</b>	Viton®
<b>Retaining Ring</b>	Beryllium Copper
<b>Pressure Rating</b>	150 PSI (1034 KPA)
<b>Temperature Range</b>	0°F to 305°F (-18°C to 151°C); 350°F (176°C) max. intermittent
<b>Mounting Attitude</b>	Vertical, J-Box Up
<b>Controller</b>	
<b>Contacts</b>	SPDT, Dry Contacts
<b>Contact Ratings</b>	10A @ 120/220/240 VAC Resistive (120°F/49°C) 1A @ 120, 208/240, 240 Resistive (150°F/66°C) 1/3 HP @ 120, 208/240, 240 VAC
<b>Secondary Circuit</b>	2.3 VAC RMS, <1 mA
<b>Sensitivity</b>	10K
<b>Ambient Temperature</b>	-40°F to +150°F (-40°C to +66°C)
<b>Time Delay</b>	0.5 Seconds on Rising Level
<b>Approvals</b>	UL Recognized per UL-353, Limit Controls (for supply voltages of 120 VAC or less)

### How to Order

Specify Part Number based on configuration.

Description	Part Number
LWC-800 Integrated	243340
LWC-800 – 1-Foot Conduit	243345
LWC-800 – 2-Foot Conduit	243350

Order from:

**C A Briggs Company**

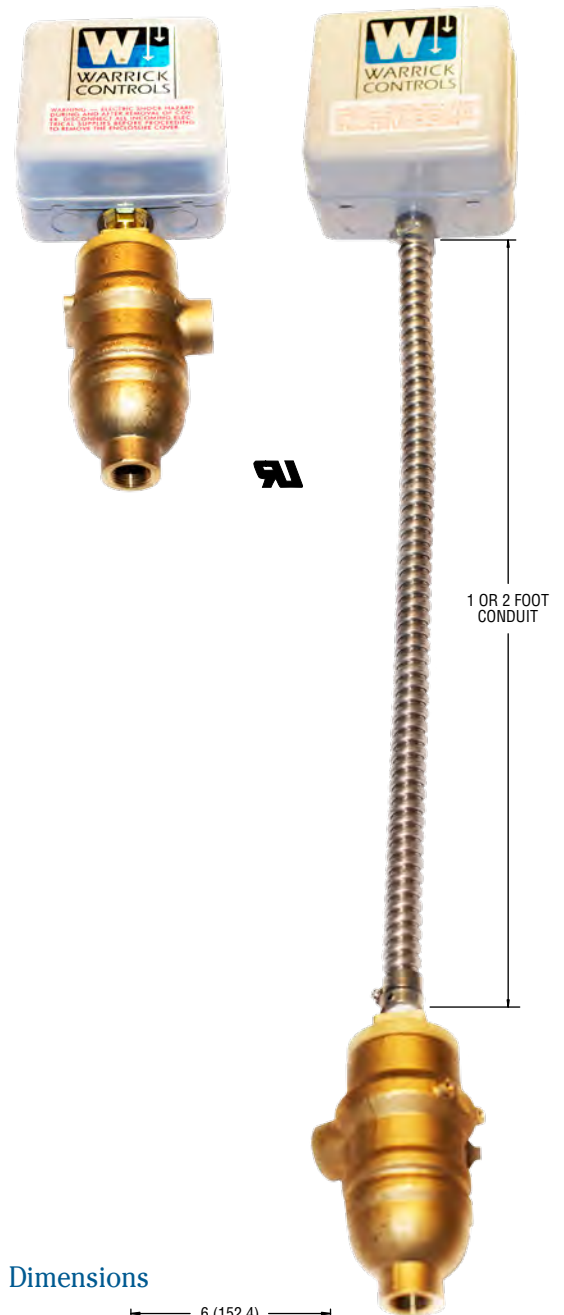
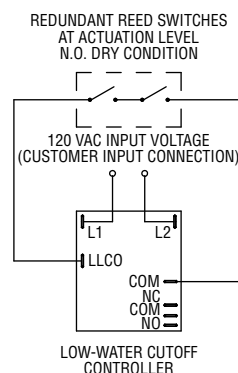
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### Switch Actuation



WARRICK CONDUCTIVITY SENSORS

### Dimensions

