

BOILER LEVEL CONTROLLER BLC-20

This compact and reliable level controller for boilers equipped with modern microprocessor. Adjustable time delay and ample indications provide automatic control of boilers and highest availability. Safety features include high pressure cutoff with indication and a relay output.



MicroLOGIX



Key Features

- ✦ Compact Size-DIN Standard Enclosure (5x45x110mm)
- ✦ Two Level Water Sensing
- ✦ Pressure Switch Input for Safety
- ✦ Heater Control
- ✦ Alarm when Water Level goes Low
- ✦ Adjustable Pump On Delay

Specification

Power Supply

- ✦ 180V TO 270VAC

Inputs

- ✦ Boiler Water Level Probe
- ✦ Pressure Switch

Outputs

- ✦ Heater Relay -10A Contact Rating
- ✦ Alarm Relay - 10A Contact Rating

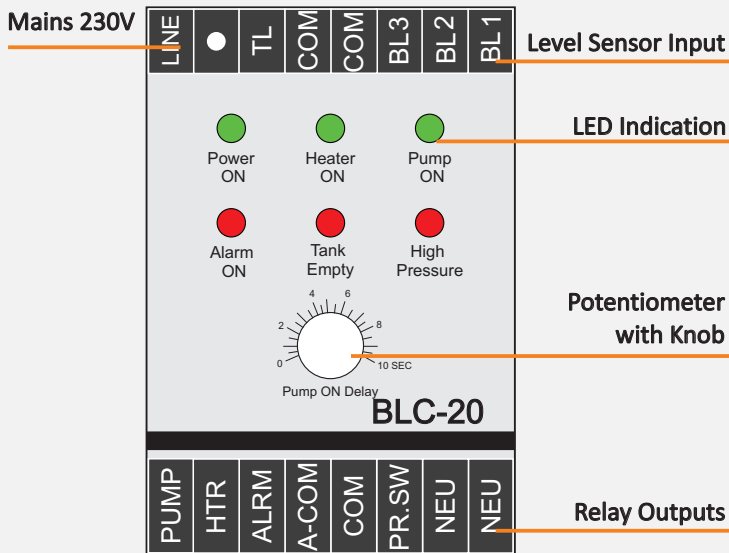
Environmental

- ✦ Operating Temperature - Ambient to +65°C)
- ✦ Storage Temperature - 0°C to +80°C
- ✦ 90% Rh Humidity non-condensing

Protection

- ✦ EMI
- ✦ Surge
- ✦ ESD

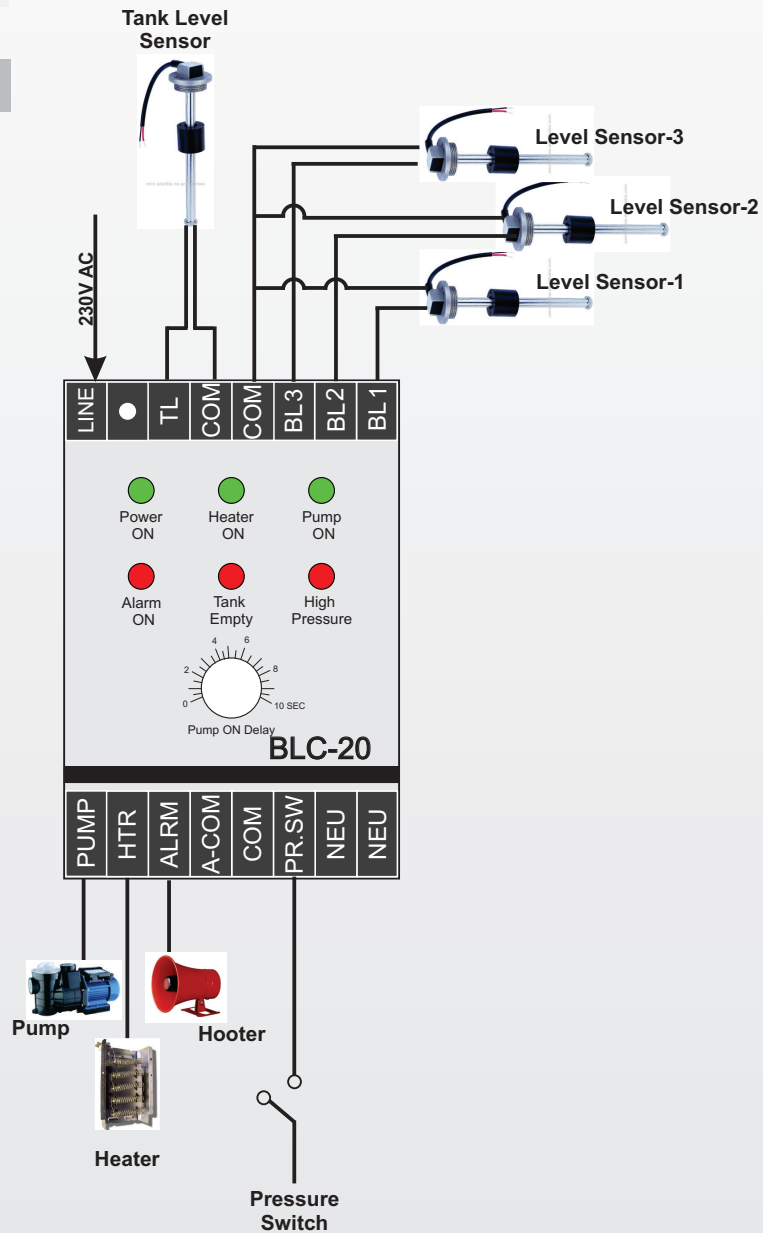
Controller Front Layout



Mechanical

Dimension	75mm(W)x45mm(H)x110mm(D)
Weight	250gm
Construction	DIN Standard Enclosure IP54
Cable Entry	
Operating Temp	-0 to +65°C
Relative Humidity	85% Rh with No Condensation

Wiring Diagram



LED Indications

✦ Status Indications

- ◆ Power
- ◆ Heater
- ◆ Pump
- ◆ Alarm
- ◆ Tank Empty
- ◆ High Pressure