

# Burner Control/Flame Safety

## Introduction

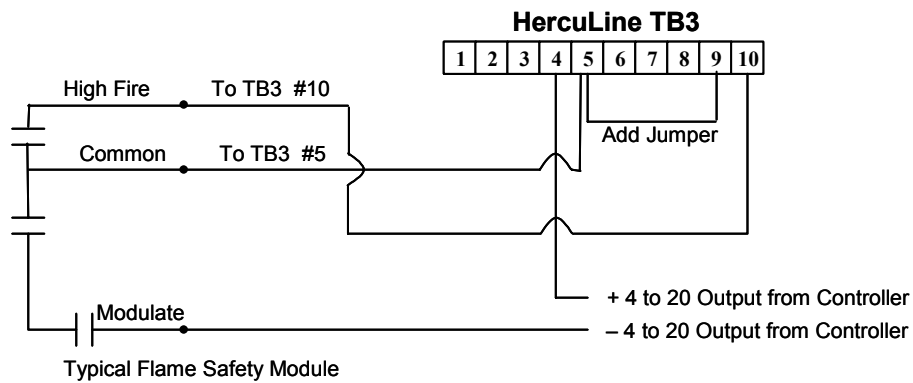
Often, Gas Fired control applications use a Flame Safety System that drives the gas valve to full closed and full open during the start-up sequence for the burner. HercuLine 2000 Series actuators have been designed to be compatible with the Flame Safety Systems and to perform the required operations.

## Configuration

In the Input Set Up Group (Page 29), configure the parameter FSTYPL to Down .  
 In the Digital Input Set Up group (Page 41), configure the parameter DIG INP to Up.

## Wiring

Figure 33 shows a Typical Flame Safety Module wiring diagram.



**Figure 33 Burner Control/Flame Safety Wiring**