

1. Introduction

The Valtorc 4-20 MA Board is capable of controlling the actuator's open/close degree by a control signal of 4~20mA dc or 2~10vdc.

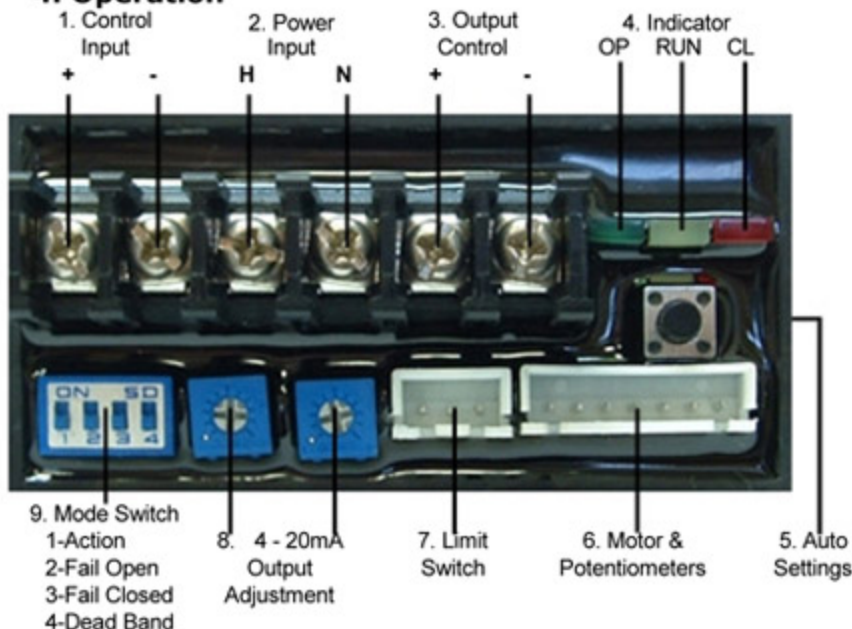
2. Features

- Needless adjustment - Full automatic setting
- High rangeability of control - over 200:1 resolution
- Additional functions:
 1. Fail mode (upon control signal loss)
 - Open - fail to open
 - Stop - fail to stop
 - Close - fail to close
 2. Self checking function
 - Check for limit switch
 - Check for potentiometer
 - Check for motor
 3. Electronic brake control
 4. Feedback output : 4 ~ 20mA +/- 1% DC (RL:250ohm)
 5. Small & lightweight

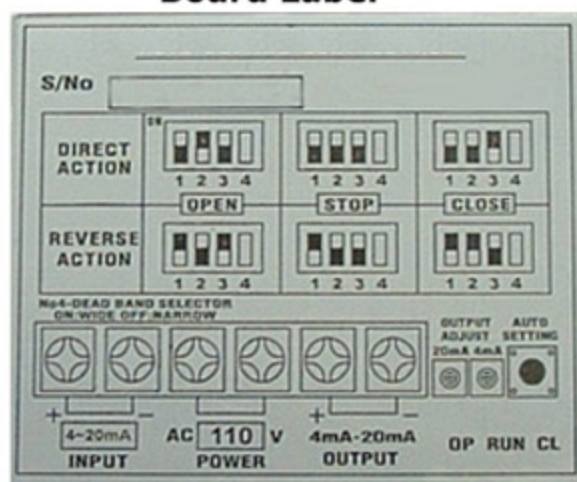
3. Electrical Specifications

- Power : 110VAC/60Hz or 220VAC/60Hz
- Control Signal Input : 4 ~ 20mA dc or 2 ~ 10vdc
- Output Signal : 4 ~ 20mA +/- 1% DC (RL:250ohm)
- Calibration : Auto setting
- Resolution : Over 200:1
- Power Consumption : Max 150W @ 110VAC or 200W @ 220VAC

4. Operation



Board Label



1. Control Input: 4 ~ 20mA or 2 ~ 10vdc
2. Power Input: 110vac or 220vac 50/60Hz
3. Control Output: 4 ~ 20mA +/- 1% DV (RL: 250ohms)
4. Indicator:
 - Green Lamp On - Actuator is Opening
 - Yellow Lamp On - Actuator is Operating
 - o Yellow Lamp Flashing - fully open/closed
 - o Yellow Lamp Flashing Quickly - Fail check limit switch, potentiometer, etc.
 - Red Lamp On - Actuator is Closing