

## Positioner Pepc-10

### Application

- \* the positioner controller pepc - 10 is used in connection with a pressure transmitter potentiometer and servo motor drive feedback potentiometer to modulate the firing with respect to the boiler set pressure.
- \* up to three positioners controllers can be controlled from one pressure transmitter potentiometer .

### Installation

- \* the positioner controller can be mounted in any position in a dry location, e.g control panel.
- \* the version for line voltage (e.g. 220v- or 110v-) has to be protected against accidental touching of live parts
- \* for panel or wall mounting the controller has to be built into the housing.

### Electrical connectio0n

- \* before connection the unit it has to be checked, if the available supply voltage corresponds with the voltage given on the positioner lable.

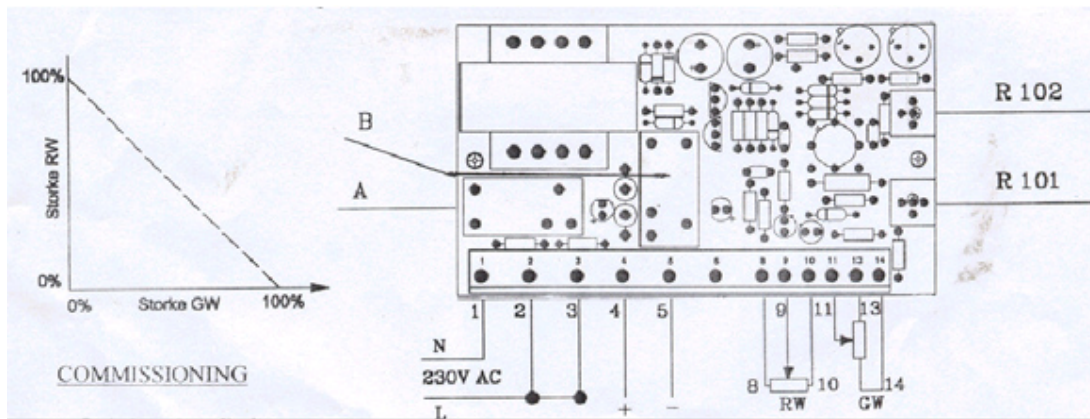
(e.g. 220v- or 110v-)

### Operation

- \* the positioner controller pepc 10 is a p - controller. The position of the pressure transmitter potentiometer gw (0% - 100%) is compared with the position of the burner feedback potentiometer r w (100% - 0%) built into the servo motor drive. When a deviation exists in the transmitter potentiometer the positioner controller.

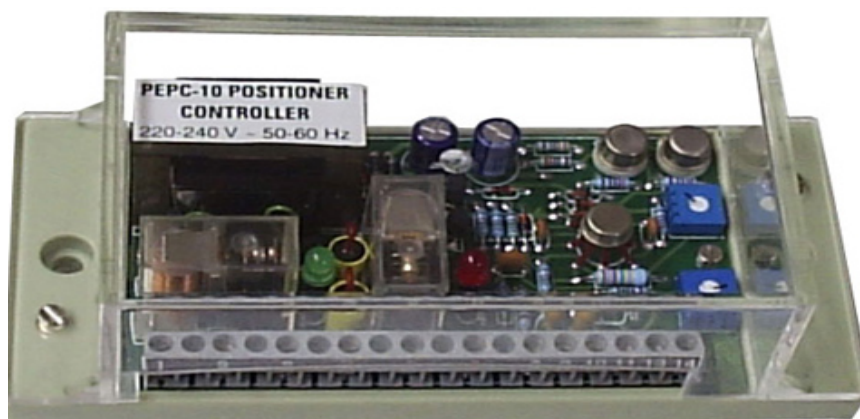
Give the corresponding control signals to the motor drive until the position balance is established.

Transmitter and feedback potentiometers with a nominal value form 130 to 2000 ohms can be used.



## Operation

- \* switch on installation
- \* run transmitter drive in to one limit position (0%) i.e. Connect manual potentiometer to 11,13, & 14 of pepc - 10 equal to transmitter potentiometer value.
- \* check if servo motor drive runs into the other limit position. (100%) or high flame.
- \* run transmitter drives into the other limit position (100%) and check the servo motor drive run to low flame.



## Combustion Controls.



Combustion Controls