5 Control Keypad

Two types of Control Keypad are used in SpindAx Drives. The type used depends on the model size.

The Control Keypad can be removed from all the models.

Caution

Model sizes 1 and 2 only — Before removing the Control Keypad, disconnect the Drive from the AC supply.

5.1 Model sizes 1 and 2 (SA005, SA010, SA016, SA022)

The Control Keypad on these models has a programmable non-volatile memory. When removed, the Control Keypad retains any stored parameter settings. This allows a programmed Control Keypad to be transferred to another Drive (enabling a Drive to be replaced without the necessity for re-programming).

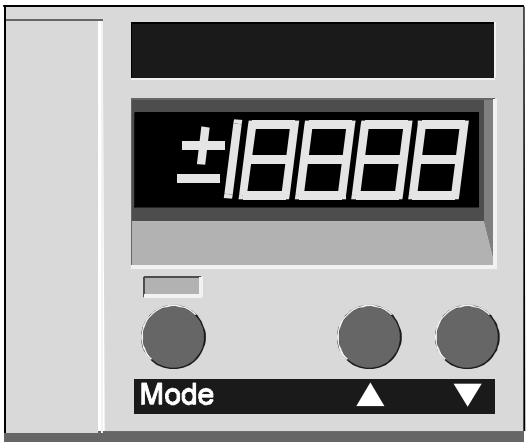

Figure 5–1 Control Keypad used in models SA005, SA010, SA016, SA022

5.2 Model size 3 and 4 SA038, SA059, SA091, SA110, SA150

The Control Keypad on these models has no memory; the parameters are stored in the Drive. Programs cannot be transferred from one Drive to another.

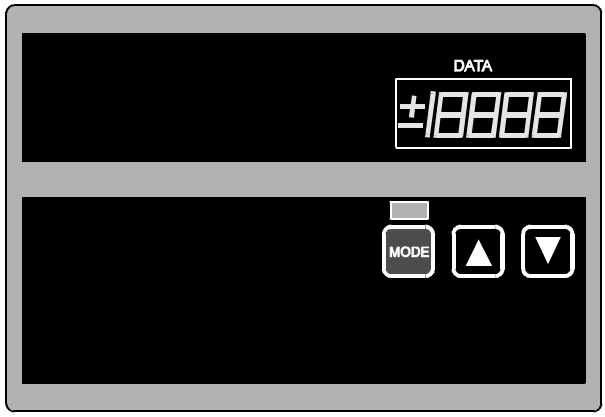

Figure 5–2 Control Keypad used in models SA038, SA059, SA091, SA110, SA150

5.3 Display and controls

Digital display

A $4^1/_2$ digit display is used to show the following:

- Status of the Drive
- Selected parameter
- Value of the selected parameter

At the time AC power is applied, the display shows the following in sequence:

- Software version number
- **CAL** during calibration
- **rdY** to indicate that the Drive is ready

When the Drive is running, the display shows the motor speed in rpm.

When a trip has occurred, the display shows a related trip code.

Keypad

The Control Keypad has three keys. These are as follows:

Mode key

The **Mode** key is used to change the type of information shown on the display. A green LED indicator responds to operation of the **Mode** key.

Arrow keys

These are used to scroll the numbers shown on the digital display.