



All Air, Inc.
175 Clearbrook Rd.
Elmsford, NY 10523

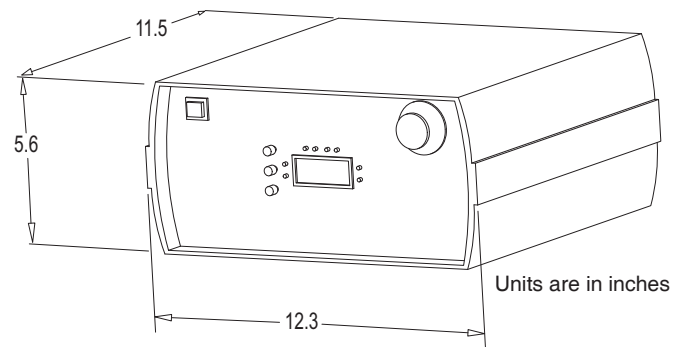
Phoenix I Single Axis Servo Controller



The New *Phoenix I Single Axis Servo Controller*, from All Air Inc., provides customers with a complete servo control system that will save both time and money. The Phoenix I can be plugged in and programmed within minutes of delivery.

FEATURES:

- Package includes controller, drive, power supply, enclosure, cabling and software
- Compact stand-alone unit
- 2-line, 16-character LCD display
- USB or Serial ports available for communication
- External Emergency Stop, Start and Stop Remote available
- Controls brushed servomotors
- 6 amp continuous torque
- 12 amp peak 48V drive
- 8 digital inputs 5-24V DC



CATALOG NUMBER

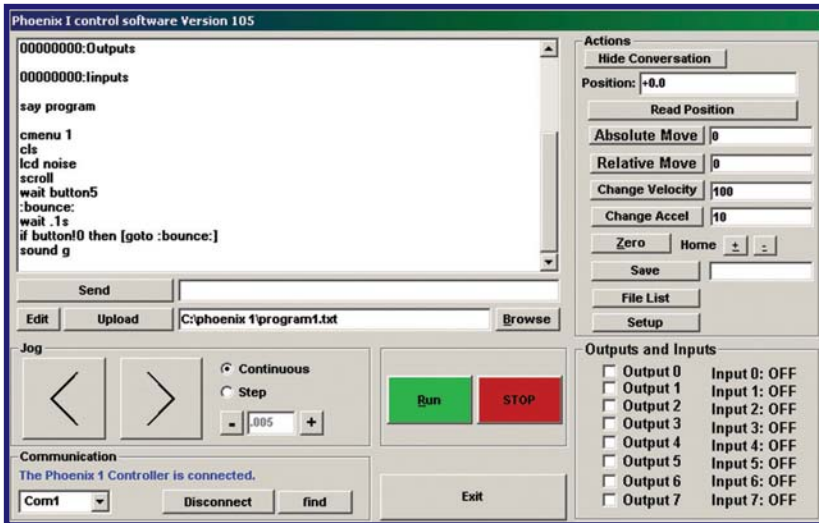
H26T56-SRV001

- 8 digital outputs up to 200mA/output, max of 800mA total output
- 30k Nonvolatile Flash Memory
- Stores up to 2,000 lines of program coding
- Can store up to 250 programs user-selectable from front panel



PROGRAMMING EXAMPLES

Single Axis Servo Controller Interface



Example Program 1:

```
absmov 10
out 1,1
wait 5s
out 1,0
absmov 0
end
```

Example Program 2:

Use aliases to make the code more readable: Wait for an input to turn on, then start moving. Toggle two outputs without stopping. At the end of the move, turn off the outputs, return to start and print the count to the screen. Repeat 5000 times.

```
alias "glue" to "out 1,"
alias "solenoid" to "out 2"
alias "on" to "1"
alias "off" to "0"
alias "wait for ready" to "waitin 5,1"
```

```
:repeat:
wait for ready
gosb :motor:
if counter1=5000 then [end]
goto :repeat:
```

```
:motor:
inc counter1
at 10 [solenoid on]
at 11 [glue on]
absmov 30
solenoid off
glue off
absmov 0
cls
lcd count:
disp counter1
say counter1
return
```

Phoenix I - Front Panel View



Phoenix I - Rear Panel View



For More Information Visit the Web:
www.allair.com

HTA04300802