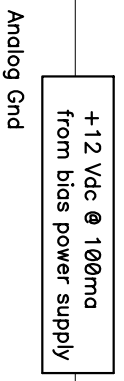


To opamp power



+12 Vdc

VOLTAGE MONITOR
Scaled input of voltage
0-100% = 0-5Vdc out

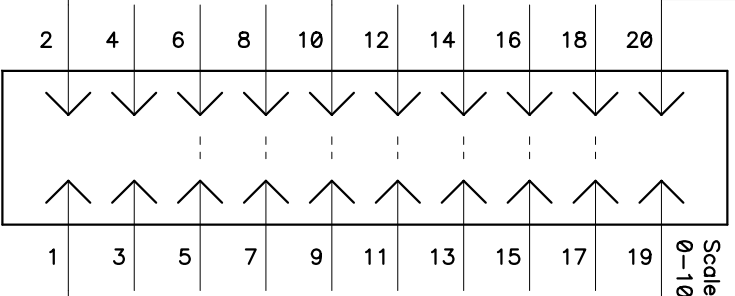
[Http://www.EXEC-ENG.com](http://www.EXEC-ENG.com)

14 - 24 VOLTS
POWER INPUT
USE ONLY ONE BIAS SUPPLY
THIS IS THE OPTIONAL INPUT

0 - 4 VOLTS = 0 - 20 AMPS
Customer control of electronic load
current from customer D to A

Constant Current Adjust

Analog / Bias Return
GNDANALOG



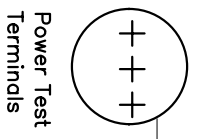
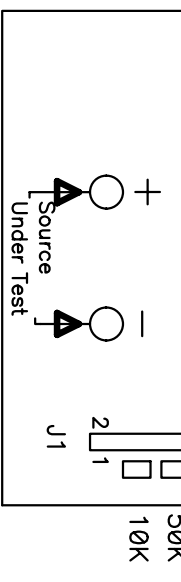
CURRENT MONITOR
Scaled output of current
0-100% = 0-4Vdc

MODEL NUMBER
EE15120A

Connector shown from top view.
Pins shown as seen on electronic load.

Note J1 - Pin 2 and the (-) source under test are connected, never have current flowing through this path. All control signals should be connected to J1-pin 2.
Only the source under test should be connected to the power test terminal (+) and (-).

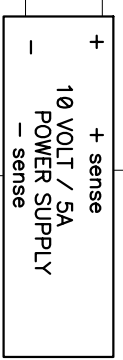
Viewed from top of load



Self Adjust Constant Power Heater



As Heater ages the load adjusts to compensate for changes in the resistance.



Executive Engineering

Title
Heater DRIVER

MODEL NUMBER
EE15120A

| | | |
|---------------------------|----------------------|-------------|
| Size | Number | Rev |
| A | 301/151 Series Loads | 1 |
| Date | Mon Sep 20, 2004 | Drawn by dw |
| Filename oven-control.SCH | Sheet 1 | of 1 |