

Model 20AOB Analog Output Board



A Description

The Analog Output Board provides a 10-channel, isolated, 2-wire, 4 to 20 mA output signal. The Analog Output Board requires a 12 to 24 vDC supply voltage applied at the “+24” terminal, and returns 4 to 20 mA at the “SIG” terminal. If the signal from the sensor is lost, the Analog Output Board returns a 0.5 mA signal.

Figure 1 presents a wiring diagram for the Analog Output Board.

B Specifications

Supply Voltage, V_s :
+12 to +24 vDC nom., 30 vDC max.

Supply Current, I_s :
0.5 to 20 mA, reverse protected

Nominal Load Resistance:
100 Ohms

Maximum Load Including Cable:

$V_s = 12\text{ v}$	200 Ohms
$V_s = 15\text{ v}$	300 Ohms
$V_s = 20\text{ v}$	500 Ohms
$V_s = 24\text{ v}$	600 Ohms

Connections:

Phoenix 2 pin vertical socket, mating plug supplied

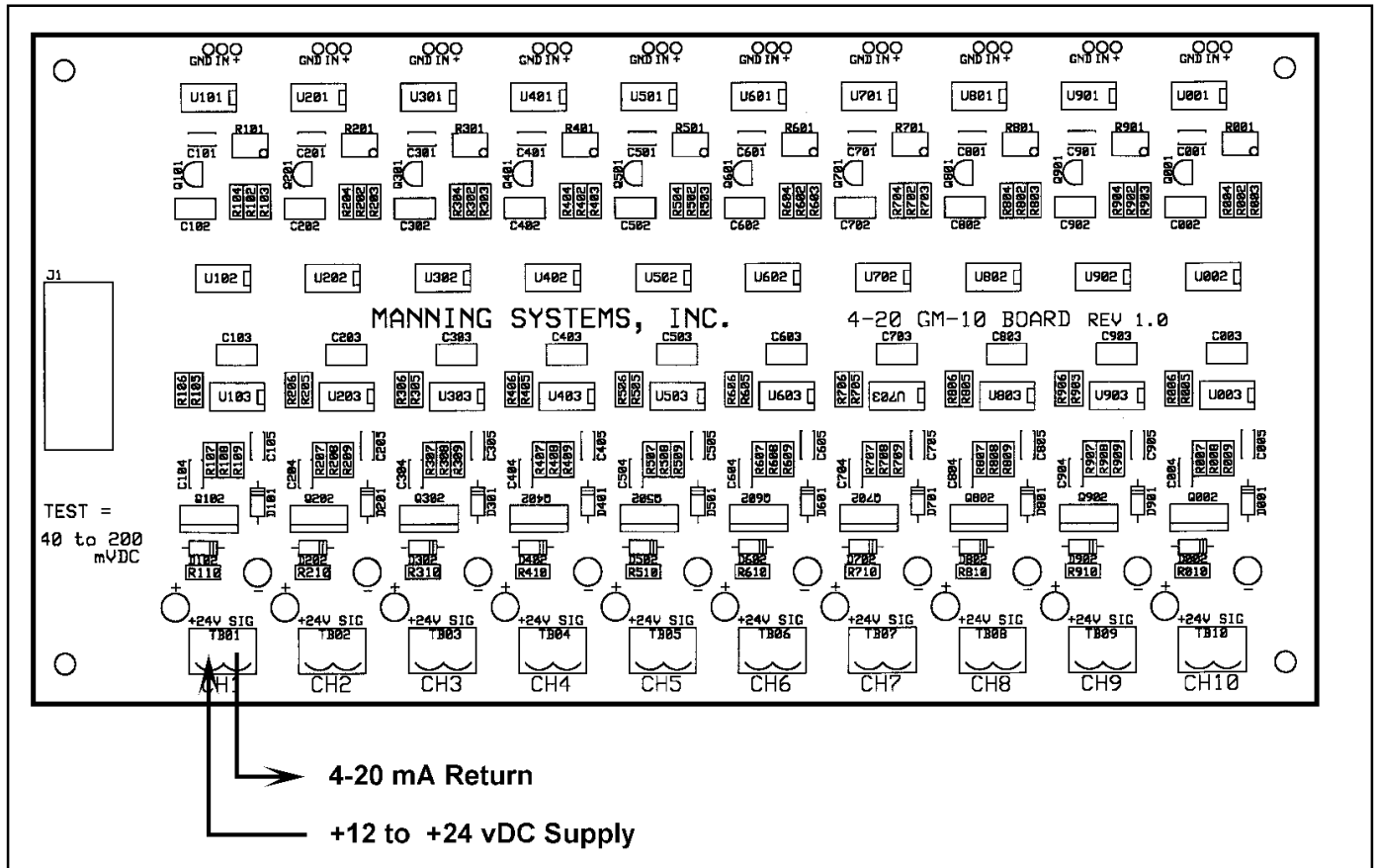


Figure 1: Wiring Diagram for the Model 20 Analog Output Board