GM-1-AOB Analog Output Board

A Description

The GM-1-AOB Analog Output Board provides an isolated, 2-wire, 4 to 20 mA output signal. The Analog Output Board requires the customer's monitoring equipment to provide 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 GM-1-AOB returns a 0.5 mA signal. The output operates as a two wire, loop powered device.

Figure 1 presents a wiring diagram for the GM1 Isolated Analog Output Board.

B Specifications

Supply Voltage, Vs:
+12 to +24 vDC nom., 30 vDC max.
Supply Current, Is:
0.5 to 20 mA, reverse protected
Nominal Load Resistance:
100 Ohms
Maximum Load Including Cable:

Vs = 12 v	200 Ohms
Vs = 15 v	300 Ohms
Vs = 20 v	500 Ohms
Vs = 24 v	600 Ohms

Connections:
Phoenix 2 pin vertical socket, mating plug supplied

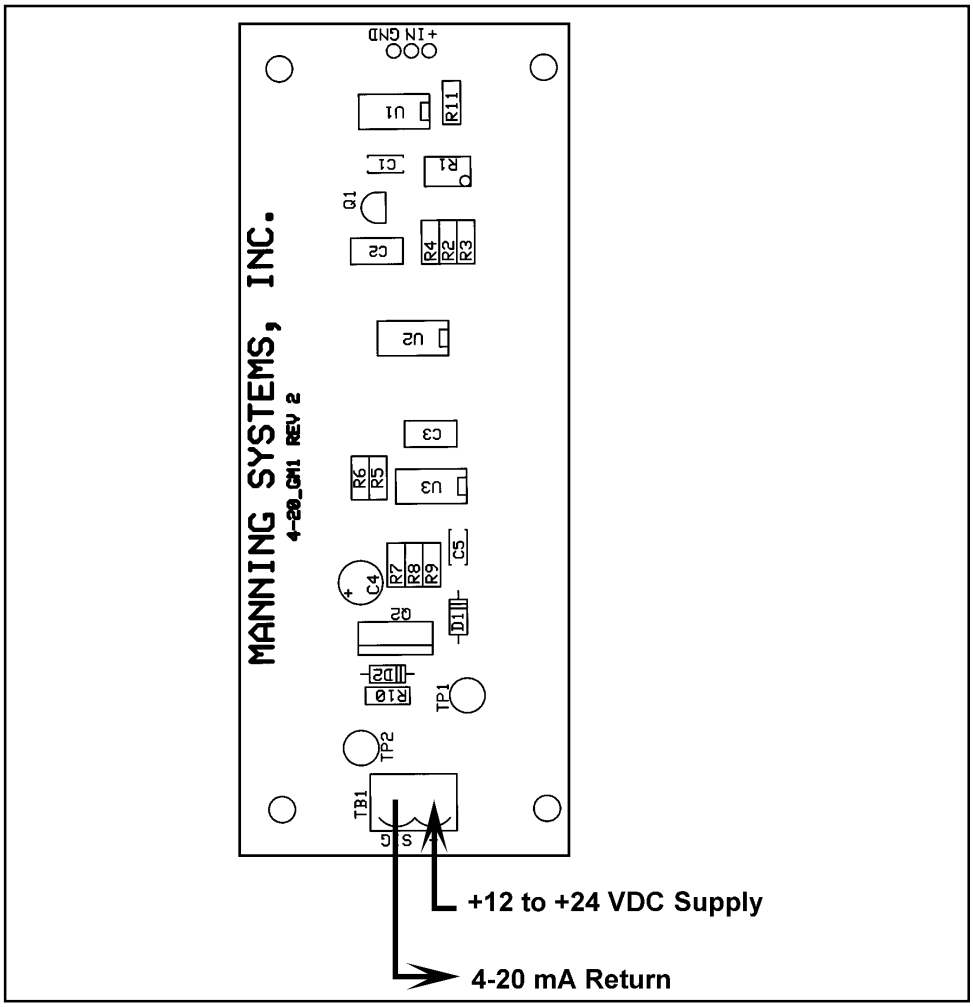

Figure 1: Wiring Diagram for the GM-1-AOB Analog Output Board