



Analog Source Generator
0 – 20mA Current
USS20M24V-D

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The **Analog Source Generator(0-20mA)** will assist maintenance personnel and integrators in analog input testing troubleshooting and application development.

This device is handy for testing Sensor data with PLC's analog input variants like gas/liquid sensor. Also useful for measuring data from Pressure sensor, Strain Gauge Sensor, Temperature Sensor, Level Sensor, Position Sensor etc.,

SPECIFICATION

Functionality

Perfect 3 wire 0-20mA Signal Source Generator

Power Supply

24V DC External

Display

4 digit Segment display

Current Output

Output Range 0/4-20mA

Output Accuracy $\pm 1\%$ of full scale

Load range $10\ \Omega \sim 1.1k\ \Omega$.

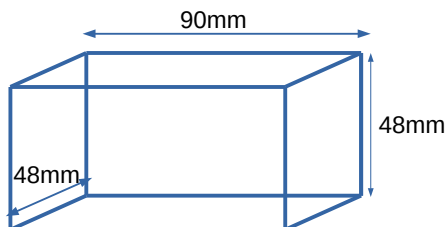
Protection

Input Reverse Polarity , Output Short Circuit Protection

DIMENSION

Product size - 48x48x90mm. Weight ~ 150 gms

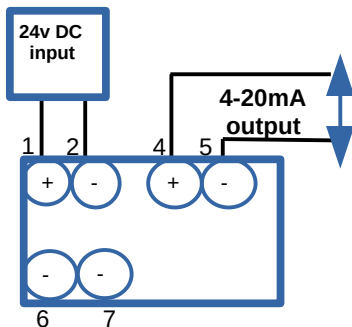
Preferred Panel cut out 45x45mm.



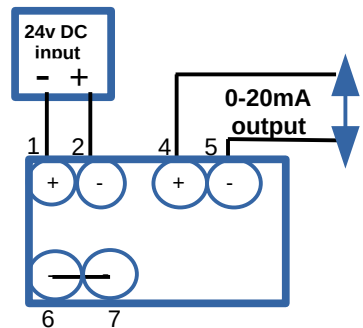
- Variable using 5 turns Potentiometer.
- Selectable range 0 mA ~ 20 mA in 0.01mA steps resolution or more.
- 0 ~ 20mA or 4 ~ 20mA selection by external jumper.
- Current output values are set by rotating the knob.

Connection Details:

when 6th & 7th pins are open



when 6th & 7th pins are closed



1 V+	2 V-	4 Out+	5 Out -
24V DC Input		Current Output	
6	7	9	10
6,7 – Close – 0 to 20mA 6,7 – Open – 4 to 20mA			

mA Self Test Method

1. Connect the provided 1k ohm resistor in 4 and 5
2. Change the current POT and Measure the voltage across 4 and 5
3. Voltage varies in 0 ~ 20V DC for 0 ~ 20mA

Veawe manufactures various products for industrial use like

- ✓ *USB & Ethernet Converters*
- ✓ *MODBUS IO modules – 48DI, 24DI24DO, 24DI, 4DI4DO, 0 – 20mA, 0 – 10V*
- ✓ *PLC, HMI, Relay modules*
- ✓ *Analog signal converters*
- ✓ *Surge protection devices for RS485, 1ph 230V AC, etc.,*