

ADM240 Potentiometer Transmitter

- ★ Suitable for any potentiometer input
- ★ Supply Voltages 115Vac $\pm 20\%$
240Vac $\pm 20\%$
24Vdc $\pm 2.5V$
- ★ RFI Protection to IEC801-3 available
- ★ Amelec Standard 10 year guarantee

Technical Specifications

Input

From any wire wound potentiometer
Version available for plastic film pot's

Output

Any standard process current or voltage
Current source upto 20mA. Drive voltage 24Vdc
Voltage source upto 10V. Max current 20mA

Isolation

1000V RMS.* Input/Output/Supply/Earth
★ 500V DC If RFI option (K) is specified

Linearity $\pm 0.1\%$

Environmental Conditions

Storage Temperature -40 to 70°C
Operating Ambient -15 to 55°C
Relative Humidity 5-95 % RH

Input Signal / Output drive

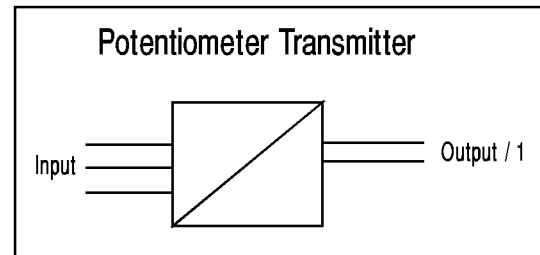
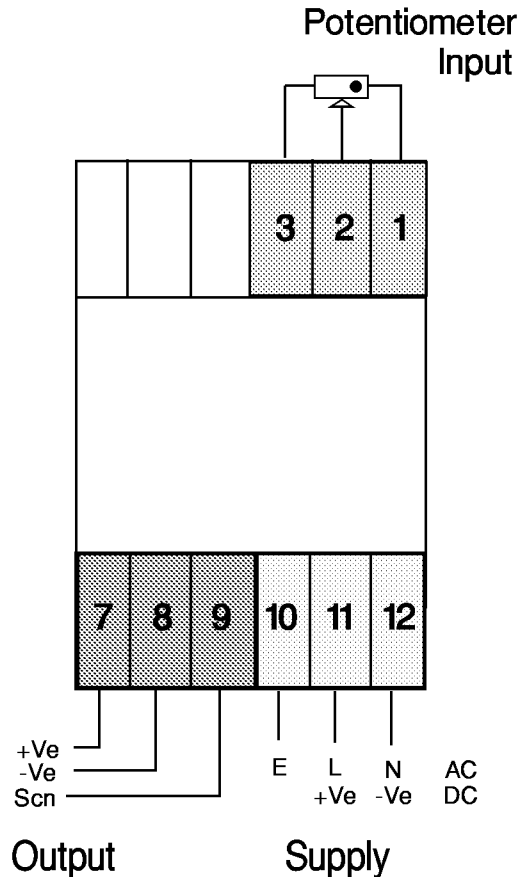
Typical input

5K Ω valve position feedback potentiometer

Typical output

Current 4-20mA max load 1200 Ω
Voltage 1-5Vdc min load 250 Ω

WIRING



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