

ADM246 Slidewire Dual Trip Transmitter

- Suitable for SIL 1, 2 & 3 applications
- Suitable for any potentiometer input
- Supply voltages: 115Vac $\pm 20\%$
240Vac $\pm 20\%$
24Vdc $\pm 2.5V$
48Vdc $\pm 5V$
- RFI Protection to IEC61000-4-3 available
- AMELEC Standard 10 year warranty

Technical Specifications

Input

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

Analogue Output

Any standard process current or voltage
Current source up to 20mA. Drive voltage 11Vdc
Current sink up to 20mA. Drive at 30Vdc
Voltage source up to 10V. Max current 20mA

Output Trip

Trip output is two pairs of contacts, rated at 250VAC, 2A, 100VA (resistive) one for each trip.

Isolation

1000V RMS* Input/Output/Supply/Earth
*(500Vdc 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 Load / Output Drive

Typical Input

5K Ω valve position feedback potentiometer

Typical Output

Current 4-20mA max load 550 Ω
Voltage 1-5Vdc min load 500 Ω

Dimensions

50w x 75h x 110d (mm)

WIRING

