

## ADM246DIX Resistance Trip Transmitter with Display

- Suitable for SIL 1, 2 & 3 applications
- Suitable for 2 & 3 wire resistance
- 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

Any 2 or 3 wire resistance changing sensor.  
Third wire compensation is standard to overcome lead resistance variation.

#### Output

Any standard process current or voltage  
Current source up to 20mA. Drive voltage 11Vdc  
Voltage source up to 10V. Maxx current 20mA

#### Relay Outputs

Each Trip 1 output SPST, Trip 2 with S.P.C.O. contacts, rated at 250VAC, 2A, 100VA (resistive).

#### Display

The I/P signal on a 3½ digit LCD.  
Front facia read buttons show the trip set point.  
Calibration range: -1999 to +1999

#### Isolation

1000V Input/Output(s)/Supply/Earth  
Open circuit response supplied as  
Upscale or Downscale

#### Performance

Trip settability:  $\pm 1\%$   
Trip repeatability:  $\pm 0.1\%$   
Response time: <400mS

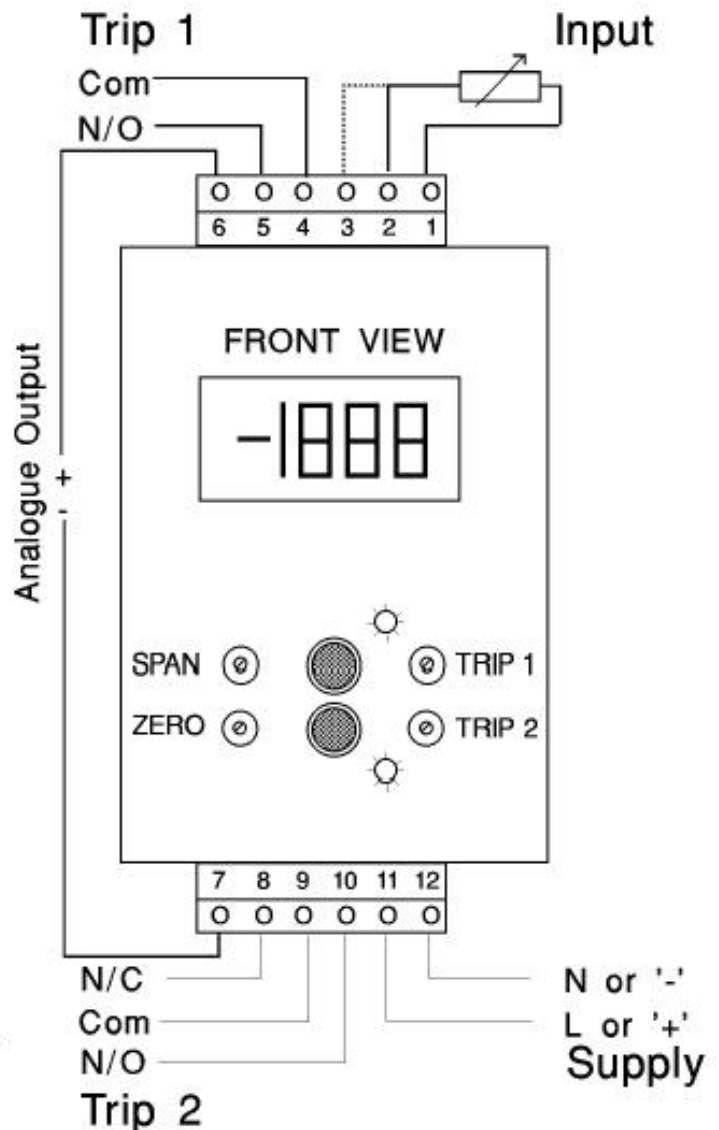
#### Environmental Conditions

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

#### Dimensions

50w x 75h x 145d (mm)  
RFI 'K' Option 187d (mm)

### WIRING



### Dual Trip + Transmitter

