

## ADM215 Millivolt Trip Transmitter

- Suitable for SIL 1, 2 & 3 applications
- Suitable for combinations of process Inputs & Outputs
- 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

Minimum span 4mV.

#### Analogue Output

Any standard process current or voltage  
 Current source up to 20mA. Drive voltage 11Vdc  
 Voltage source up to 10V. Max current 20mA  
 Trip output is a set of changeover contacts, rated at 250Vac, 2A, 100VA (resistive)

#### 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

0-25mV

#### Typical Output

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

#### Dimensions

50w x 75h x 110d (mm)

