

ADM215XK Millivolt Trip Transmitter

- Suitable for SIL 1, 2 & 3 applications
- Suitable for any Millivolt 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

Any mV signal span from ± 4 to 300mV

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 per setpoint, rated at 250Vac, 2A, 100VA (resistive)

Isolation

500Vdc Input/Output/Supply/Earth
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

0-10mV

Input open circuit response can be specified as Up or Down

Typical Output

Current 4-20mA max load 500 Ω
Voltage 1-5Vdc min load 250 Ω

Dimensions

50w x 75h x 110d (mm)

WIRING

