

ADM233K-RSP Process Trip Transmitter with Remote Set Points

- Suitable for SIL 1, 2 & 3 applications
- Suitable for combinations of process inputs and outputs
- Supply voltages: 115Vac $\pm 20\%$
240Vac $\pm 20\%$
24Vdc $\pm 2.5V$
48Vdc $\pm 5V$
- RFI Protection to IEC61000-4-3 (<10V/m)
- AMELEC Standard 10 year warranty



Technical Specifications

Input

Any current or voltage drive that can be terminated in a PI network to produce a 400mV span.

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 Output is a set of changeover contacts, rated at 250VAC, 2A, 100VA (resistive) one for each trip
Each Trip Point set by Remote Potentiometer.

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

Current 4-20mA 20Ω
Voltage 1-5Vdc 1MΩ

Typical Output

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

Dimensions

100w x 75h x 135d (mm)

WIRING

