

ADM232M(X) Process Signal Trip Transmitter

- 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 available
- AMELEC Standard 10 year warranty

Technical Specifications

Input

Two wire 4-20mA current input

Input open circuit (ADM232M): Down scale

Input open circuit(ADM232MX): Up scale

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

Current 4-20mA 20 Ω

Voltage 1-5Vdc 1M Ω

Typical Output

Current 4-20mA max load 550 Ω

Voltage 1-5Vdc min load 250 Ω

Dimensions

50w x 75h x 110d (mm)

WIRING

Output configured for

Source +Ve
Sink -Ve
0v

Input

0V Sink
-Ve Source
+Ve

