

ADM232DIBIMX Process Input 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
- Suitable for 2 or 3 wire resistance

Technical Specifications

Input

The input terminals are included in the excitation loop and thus provide power for the 4-20mA two-wire transmitter.

Analogue Output

Any standard process current or voltage
Current source up to 20mA. Drive voltage 15Vdc
Current sink up to 20mA. Drive at 30Vdc
Voltage source up to 10V. Max current 20mA

Output

Trip Output is two pairs of changeover contacts, rated at 240VAC, 3A, 100VA (resistive) one for each trip.
Red/Green BI-colour LED indication of Relay status

Display

A 3½ digit liquid crystal display. The display normally shows the input signal, on operating the read button, the display will show the trip set point.

Isolation

1000V RMS Input/Output/Contact(s)/Supply
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: 50w x 75h x 145d (mm)

