

ADT131MV Trip Amplifier-Excitation & Adjustable Deadband

- Suitable for SIL 1, 2 or 3 applications
- Suitable for input from any two-wire transmitter with a 4-20mA 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
- Digital Indication available

Technical Specifications

Input

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

Output

In a typical high trip application, the trip will change state when the input exceeds the level set on TRIP 1 and return to normal when it falls below the dead band value, set by DB 1.

DB 1 range: 0.5 to 20% or as requested

Isolation

1000V RMS* Input/Output/Supply/Earth
*(500Vdc if RFI option 'K' is specified)

Environmental Conditions

Storage Temperature: -40 to 70°C
Operating Ambient: -15 to 55°C
Relative Humidity: 5 – 95% RH

Input Load / Output Capacity

Input

Minimum Input span 400mV

Output

D.P.C.O. 250Vac 2A 100VA resistive

Dimensions

50w x 75h x 110d (mm)

WIRING

