

ADT139GX Deviation Trip Amplifier

- Suitable for any process inputs
- Supply voltages: 115Vac $\pm 20\%$
240Vac $\pm 20\%$
24Vdc $\pm 2.5V$
48Vdc $\pm 5V$
- AMELEC Standard 10 year warranty

Technical Specifications

Input

I/P 1 = 4-13.6mA (0-6 Bar)

I/P 2 = -20 to +40°C (3 Wire)

Any current or voltage drives that can be terminated in PI networks to produce 400mV spans and share a common zero reference.

Output

Each trip output is a set of changeover contacts, rated at 250VAC, 2A, 100VA resistive.

Trip 1 = Deviation Trip A>B

I/P 1 = Loss of Pressure

I/P 2 = Loss of temperature

Isolation

1000V RMS* Input/Output/Supply/Earth

*(500Vdc if RFI option 'K' is specified)

Performance

Trip settability: $\pm 1\%$

Trip repeatability: $\pm 0.1\%$

Response time: <400ms

Environmental Conditions

Storage Temperature: -40 to 70°C

Operating Ambient: -15 to 55°C

Relative Humidity: 5 – 95% RH

Dimension

152w x 81h x 137d (mm)

