

ADC320 Lineariser Unit

- Suitable for SIL 1, 2 & 3 applications
- Suitable for any process input
- Supply voltages: 115Vac $\pm 20\%$
240Vac $\pm 20\%$
24Vdc $\pm 2.5V$
48Vdc $\pm 5V$
- AMELEC Standard 10 year warranty

Technical Specifications

ADC320 will linearise 3/2 and 2/5 signals as obtained from flow transmitters by continuous curve generation.

Input

Any standard process current or voltage

Output

Any standard process current or voltage
Current source up to 20mA. Drive voltage 24V
Voltage source up to 10V. Max current 20mA.

Isolation

1000V RMS. Inputs/Output/Supply/Earth
Typical Accuracy: 5% to 10% of signal $\pm 3\%$
10% to 100% of signal $\pm 0.3\%$

Environmental Conditions

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

Input Load / Output Drive

Input Impedance

>1Mohm for voltage

Typical Inputs

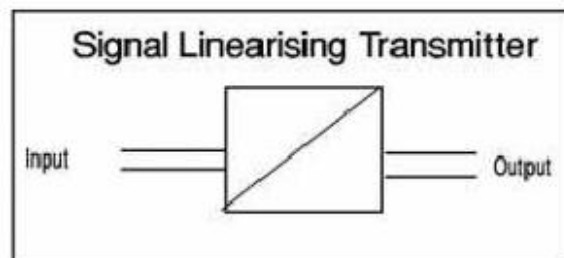
0-10, 4-20, 1-5 mAdc
0-1, 0-10, 2-10, 1-5 Vdc

Typical Outputs

0-10, 4-20, 1-5 mAdc
0-1, 0-10, 2-10, 1-5 VDC

Dimensions

152w x 81h x 137d (mm)



WIRING

