

ADC374X Position Transmitter

- Suitable for SIL 1, 2 & 3 applications
- Suitable for contact closure or voltage drive
- 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

Nominal input is 5V pulses. Other input types are available on request. The inputs share a common 0v.

Output

Any standard process current or voltage
Current source up to 20mA. Drive voltage 24Vdc
Voltage source up to 10V. Max current 20mA
Nominal output is 4-20mA. 256 steps for 0 to 100%

Isolation

1000V RMS. (Inputs+Output)/Supply/Earth

Environmental Conditions

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

Input Load / Output Drive

Typical Inputs

Contact closures
Open collector output stages

Typical output

Current 4-20mA max load 1200Ω
Voltage 0-10Vdc min load 250Ω

Dimensions

50w x 75h x 110d (mm)

