

# **ADC353X Signal Converter**

- Suitable for SIL 1, 2 & 3 applications
- Suitable for flow applications where an external counting device totalises impulses or as a voltage/current to pulse transmitter.
- Supply voltages: 115Vac ±20%

240Vac ±20% 24Vdc ±2.5V 48Vdc ±5V

- RFI Protection to IEC61000-4-3 available
- AMELEC Standard 10 year warranty

## **Technical Specifications**

#### Input

Any current or voltage drive that can be terminated in a PI network to produce a 400mV span.

#### **Output**

Either a pulse (24Vdc 30mS duration) or Open collector switch. Frequency can be specified in the range of 0.1Hz to 1Khz. Cut off factory set at 0.1% of span.

#### **Cali**bration

Zero/Span controls to calibrate output frequency. Time control to set output pulse width between 7-12mS

#### **Isolation**

1000V RMS. Input/Output/Supply/Earth Linearity <±0.1%

#### **Environmental Conditions**

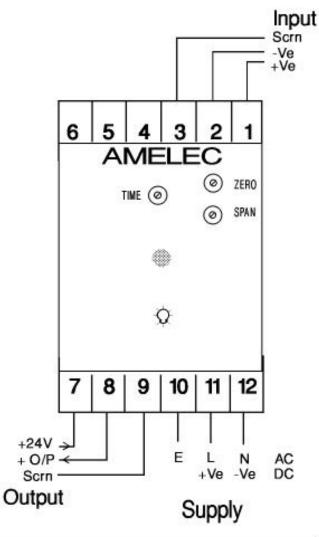
Storage Temperature:  $-40 \text{ to } 70^{\circ}\text{C}$ Operating Ambient:  $-15 \text{ to } 55^{\circ}\text{C}$ Relative Humidity: 5-95 RH

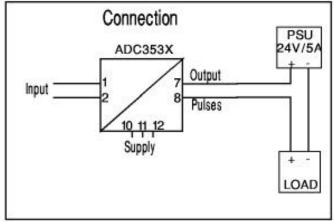
#### Input Load / Output Drive

#### Typical Input

 $\overline{\text{Current:}}$  4 -20mA 20Ω Voltage: 1–5Vdc 1MΩ

### WIRING





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