

ADC353XR Pulse/Contact Generator

- Suitable for SIL 1, SIL 2 & SIL 3 rated (IEC61508-2) safety system loop applications
- Suitable for applications where an external counting device totalises impulses or as a voltage/current to pulse transmitter.
- Supply voltages: 115Vac $\pm 20\%$
240Vac $\pm 20\%$
24Vdc $\pm 2.5V$
48Vdc $\pm 5V$
- RFI Protection to IEC61000-4-3:2006/A2:2010 available
- AMELEC Standard 10 year warranty

Technical Specifications

Input

Contact Closure

Output

A pulse (24Vdc 30mS duration as standard) and a relay contact closure ('R' Option) with a full scale in the range 50 to 50,000 counts per hour.
Pulses available up to 50mS duration on request.

Isolation

1000 RMS. Input/output/Output/Supply/Earth
Linearity $< \pm 0.1\%$

Environmental Conditions

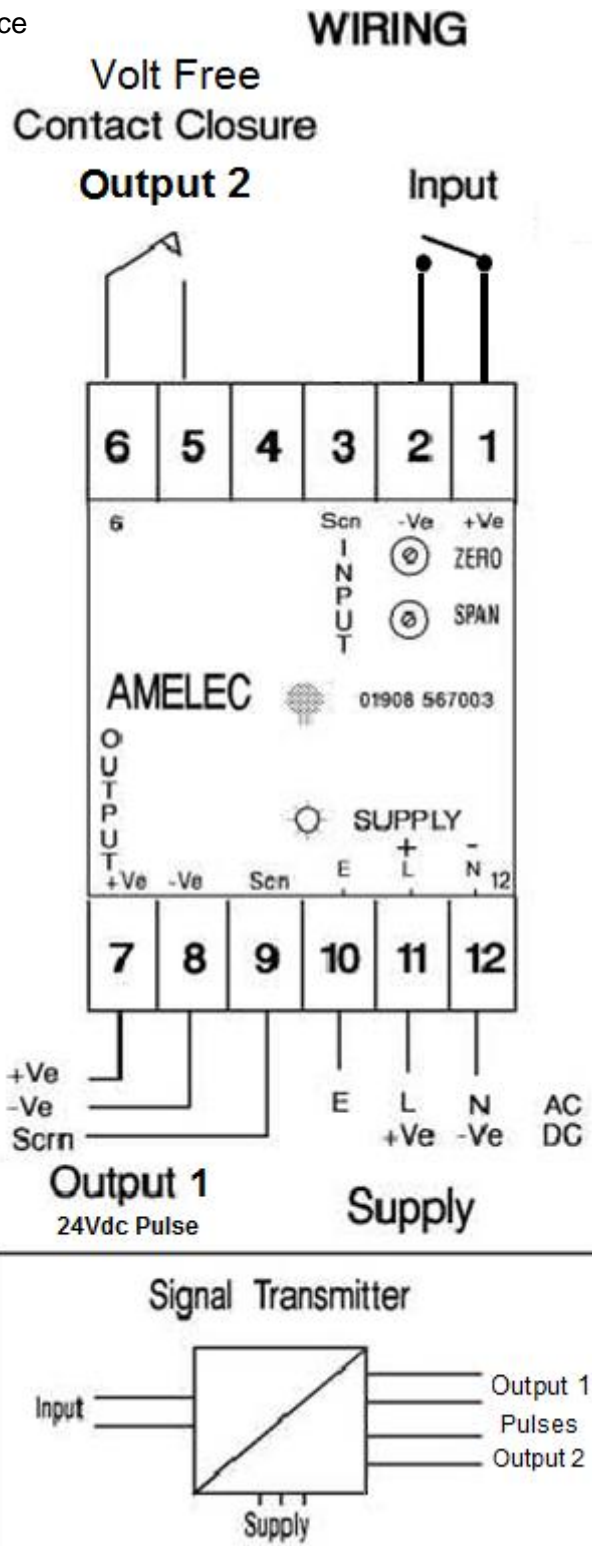
Storage Temperature: -40 to 70°C
Operating Ambient: -15 to 55°C
Relative Humidity: 5 – 95 RH

Mounting

Din Rail (TS35) **or** Surface by corner fixing holes

Dimensions

50w x 75h x 110d (mm)



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