

ADC311X Reverse Acting Transducer with Output Limiter

- Suitable for SIL 1, 2 & 3 applications
- Suitable for AC voltage variations in the range 10 to 500Hz, 50mV to 100V
- 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 50mV span. A signal with a dc offset can be handled, the polarity as shown on the termination detail to be observed.

Output

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

<u>Isolation</u>

1000V RMS Input/Output/Supply/Earth (500Vdc if RFI option (K) is specified)

Environmental Conditions

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

Dimensions

50w x 75h x 110d (mm)

Typical Input

Voltage 0-5Aac

Typical Output

Current 20-4mA load 1200Ω Voltage 10-0Vdc load 500Ω

WIRING Input Scn AC1 ZERO SPAN AMELEC 01908 567003 OUTPUT 10 +Ve -Ve Scn Output Supply Signal Transmitter

Supply

Output

Tel: 01908-567003 Email: sales@amelec-uk.com Visit: www.amelec-uk.com Fax: 01908-566735

Input

AMELEC Instruments, Cochran Close, Crownhill, Milton Keynes, MK8 0AJ