

ADP991 Process Power Supply Unit

- Suitable for SIL Level 1, 2 & 3 applications
- Suitable for powering loops and transducers
- Supply voltages: 115Vac $\pm 20\%$
240Vac $\pm 20\%$
- RFI Protection to IEC61000-4-3 available
- AMELEC Standard 10 year warranty

Technical Specifications

Output voltage	24Vdc $\pm 1\%$
Rated output current	1.3A
Load regulation	$\pm 0.5\%$
Maximum ripple	50mV Pk-Pk
Current limit	1.3 – 1.7 A
Temperature co-efficient	0.01%/°C
Typical efficiency	70-80%
EMI	Class B EN55011
Safety	EN60950

Isolation

1000V RMS. Input/Output(s)/Supply/Earth

Environmental Conditions

Storage Temperature:	-40 to 70°C
Operating Ambient:	-25 to 70°C
Relative Humidity:	5 – 85% RH

Dimensions

50w x 75h x 110d (mm)

Note

Based on TPM 30124 mini switcher from Electrospeed P/N 263-54611E

