

ADP991X-2 ProcessPower Supply Unit

- Supply voltage: 10 thro 36Vdc
- Suitable for SIL 1, 2 & 3 applications
- Suitable for powering sensors & transducers
- Reverse supply protection
- Continuous short circuit protection

Technical Specifications

Output voltage	12Vdc
Rated output current	0.8A
Load regulation	±0.5%
Maximum ripple	50mV Pk-Pk
Design Approach	Switching
Typical efficiency	>80%
EMI	Class B EN55022-A
Safety	EN60950

Isolation

1500V between primary supply and output

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)

Wiring

11 = +24Vdc input
12 = 0Vdc input

1 = +12Vdc output
2 = 0Vdc output

Yellow LED illuminated when 12Vdc generated

