



Making Data Acquisition Easy

CAGE/NCAGE Code: 3FNFO

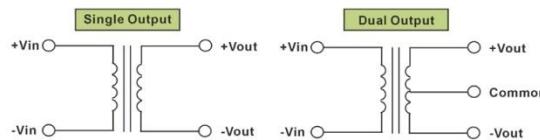
Electrical Noise in the Manufacturing Environment

Electrical noise in manufacturing can lead to earlier than desired equipment failure. High consumption equipment, voltage quality and grounding issues will result in dirty power. When using PLC's, HMI's, or other costly control products in a manufacturing plant, the resulting electrical noise and voltage spikes can cause these components to fail. When this failure occurs, it will result in the shutdown of part of or the complete production line until the equipment is repaired or replaced.

Overload circuits and proper grounding can prevent some of these issues but this practice must be implemented and monitored to ensure power quality.



For critical or high sensitivity components, we recommend to install power isolation modules. Our power isolation modules provide up to 1000 V DC isolation protection to equipment .



They can be used to provide a stable power source to controls, sensor, other equipment protecting against dirty power. We offer 5 different output voltage models.

Model	Input voltage	Output voltage	Current Ouput	Isolation
PW-3090-12S	18-36 V DC	12V	300 to 1000 mA	1000 V DC
PW-3090-15D	18-36 V DC	+/-15 V	300 to 1000 mA	1000 V DC
PW-3090-24S	18-36 V DC	24 V	300 to 1000 mA	1000 V DC
PW-3090-5D	18-36 V DC	+/-5 V	300 to 1000 mA	1000 V DC
PW-3090-5S	18-36 V DC	5 V	300 to 1000 mA	1000 V DC

By providing clean power, it will help minimize equipment downtime and lead to greater profits.

If you have any questions, please feel free to contact us to discuss any applications you may have.