

ISO101-8 Series

Unidirectional, 8-Channel Output Isolation Card



RoHS
COMPLIANT

The ISO101-8 is an 8-channel isolation module designed to accept one analog signal while providing eight independently isolated analog outputs. It can work with voltage ranges from 0-5, 0-10, 0-250 VDC, or a 4-20 mA current signal. Each output can easily be scaled to any voltage between 0-10 VDC with on-board high precision multi-turn trim pots. With the addition of an external potentiometer, you can also setup the ISO101-8 to run in a master/ratio mode. This versatile card is the perfect solution to control several devices with one control signal while eliminating the need to add individual input isolation.

Model Number	Works with Models...	Enclosure	Input Voltage (VAC)	Analog Input ranges	Analog Output Range
ISO101-8	All Models	Chassis	115 / 230	0-5, 0-10, 0 - 250 VDC 4-20 mA	0 to \pm 10 VDC

SPECIFICATIONS

AC Line Voltage..... 115 / 230 VAC, \pm 10%, 50/60 Hz, 1 \emptyset
 Analog Input Voltage Range..... 0-5; 0-10, 0-250 VDC
 Current Range 4-20 mA
 Input Impedance Voltage Range >25K ohms
 Output Voltage Range 0 to 10 VDC
 Output Voltage Range Linearity..... 0.01%
 Output Impedance 800 ohms
 Ambient Temperature Range..... 0 °C - 50 °C

FEATURES

Stand Alone Unit: Output range can be scaled to be used with any American Control Electronics drive
8 Channel Output: Can be used to control 8 non-isolated drives from one command source

TRIM POTS

8 Multi-turn trim pots to scale each output individually

ACCESSORIES

None