

ISO202-1

Bidirectional, 1-Channel Output Isolation Card

The ISO202-1 signal isolation and conditioning module is the perfect solution to safely connect two grounded or ungrounded electronic devices to one another. The ISO202-1 module can accept current signals in the range of 1-50 mA or DC voltage signals in the range of -250 to +250 VDC. The output is easily scalable from -12 to +12 VDC via high resolution multi-turn trim pots. Isolation is achieved using highly linear Burr-Brown isolation technology. With screw down terminals for all connections and 115 or 230 VAC voltage capability, the ISO202-1 is ideal when the need arises to isolate signals from sensors, PLCs or computers.



Model Number	Works with Models...	Enclosure	Input Voltage (VAC)	Analog Input Ranges	Analog Output Ranges
ISO202-1	All Models	Chassis	115 / 230	-250 to +250 VDC 1- 5, 4 -20, 10 -50 mA	-12 to +12 VDC

SPECIFICATIONS

AC Line Voltage..... 115 / 230 VAC, \pm 10%, 50/60 Hz, 1 \emptyset
 Analog Input Narrow Voltage Range.....-25 to 25 VDC
 Wide Voltage Range -250 to 250 VDC
 Current Range 1-5, 4-20, 10-50 mA
 Input Impedance Voltage Range>25K ohms
 Current Range 1-5 mA..... 1K ohms
 Current Range 4-20 mA 235 ohms
 Current Range 10-50 mA 100 ohms
 Output Voltage Range-10 to 10 VDC
 Output Voltage Range Linearity.....0.01%
 Output Impedance 800 ohms
 Ambient Temperature Range..... 0 $^{\circ}$ C - 50 $^{\circ}$ C

TRIM POTS

Maximum Output
 Minimum Output
 Test Point

FEATURES

Stand Alone Unit: Output range can be scaled to be used with any American Control Electronics drive
Wide Acceptable Input Range: Can be used to scale large voltages, such as an armature voltage, down to a usable input signal. This allows for Leader/Follow setups

ACCESSORIES

None