

- Select the output RANGE desired.
(If reverse-acting output is used, the range will be reversed.)
Example: The 4 to 20 mA output would become 20 to 4 mA.)
(The output can be used to provide negative outputs by simply reversing connections to the unit.)
Example: The 0 to 1 volt output becomes 0 to -1 V if the output connections are reversed.)
- Apply power and calibrate per CALIBRATION section.

SPECIFICATIONS

INPUT RANGE

(User-Settable)

Limits any voltage between
-256 and +256 VDC
any current between
-100 and +100 mAdc

Span

any voltage span from
16 mV to 256 VDC
any current span from
0.8 to 100 mAdc

Offset

can cancel any input offset
between -110% and +110% of span

INPUT IMPEDANCE

Voltage
1 megohm
Current
20 ohms

OUTPUT RANGE

(User-settable)

Voltage	Current
0/.25 V	0/1 mA
0/1 V	0/4 mA
0/5 V	0/20 mA
1/5 V	4/20 mA
0/10 V	
-5/+5 V	
-10/+10 V	

OUTPUT LOAD

Voltage
5 mA max. (2 kilohm at 10 V)
Current
24 V compliance
(1200 ohms max. at 20 mA)

COMMON MODE REJECTION

120 dB, DC to 60 Hz

ISOLATION, OUTPUT/INPUT

>500 megohms

BREAKDOWN, OUTPUT/INPUT

>1000 VAC rms

BREAKDOWN, POWER/CIRCUITRY

>1000 VAC rms

OPERATING TEMPERATURE

14°F to 140°F (-10°C to 60°C)

TEMPERATURE STABILITY

(0.02% of span + 2μV)/°C max

POWER (2.5 W max)

115 VAC 10%, 50 or 60 Hz
230 VAC 10%, 50 or 60 Hz
24 VAC 10%, 50 or 60 Hz

DC Power Option

12 VDC (Limits 10 VDC to 15 VDC)
24 VDC (Limits 21 VDC to 28 VDC)

CAUTION: THE DIN/RAIL SHOULD BE EARTH GROUNDED (GREEN WIRE) TO ENSURE SAFEST OPERATION AND TO PROVIDE OPTIMUM PERFORMANCE.

MOUNTING

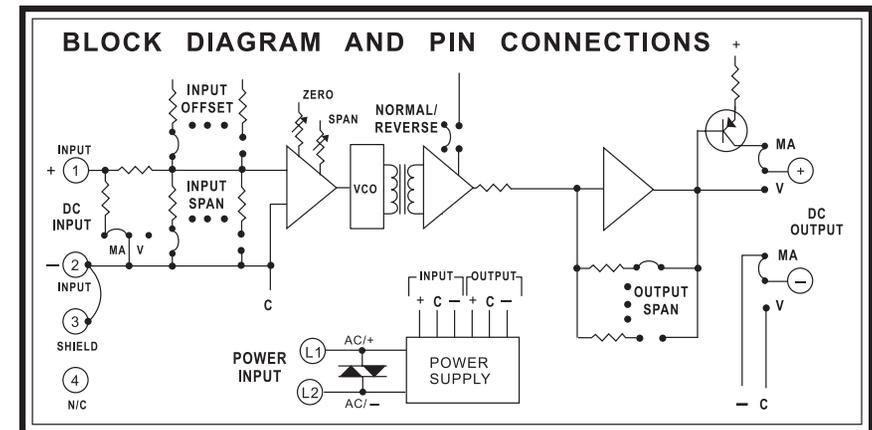
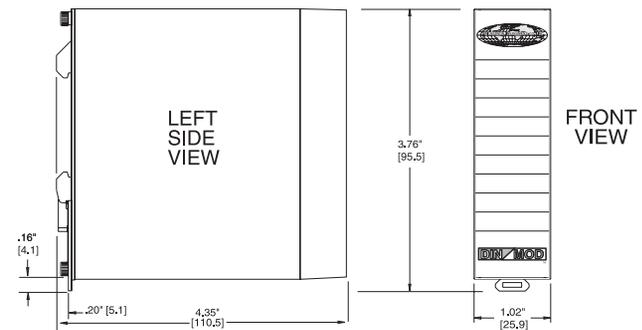
The DIN Rail package is installed by snapping it onto the rail and it is removed from the front side by using a screwdriver to release the spring loaded snap (located on the lower backside of the unit).



WARRANTY

The DIN-MOD Series of products carry a limited permanent warranty. In the event of a failure due to defective material or workmanship, the unit will be repaired or replaced at no charge. Relays are not covered by the warranty.

CASE DIMENSIONS INCHES [mm]



Specifications are subject to change without notice. ©2007 Wilkerson Instrument Co., Inc. DWG #W102567F 3/07



2915 Parkway Street
Lakeland, FL 33811-1391 · USA

800-234-1343

Tel: 863-647-2000 · Fax: 863-644-5318
www.wici.com · E-mail: sales@wici.com