

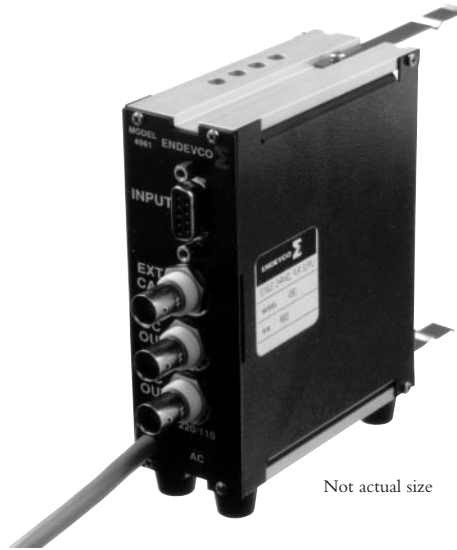
Single-Channel Power Module

**ENDEVCO
MODEL
4961**



Model 4961

- Used with Model 4430A Bridge Signal Conditioner
- Provides Dual Outputs for AC and DC
- Input/Output Connectors Compatible with the 4960A
- Switchable Input Voltage for AC Power



Not actual size

DESCRIPTION

The ENDEVCO® Model 4961 Single-Channel Power Module is used with the Model 4430A Bridge Transducer Signal Conditioner.

The Model 4961 easily attaches to the rear connector of the Model 4430A Bridge Transducer Signal Conditioner, converting it into a single-channel amplifier that accommodates special single-unit test applications. The Model 4961 input and output connectors are compatible with the 4960A 19-inch rack, requiring no special modification for existing set-ups. The output from the 4961 are AC, DC; both are BNC connectors. For sensor input, a 9-pin D-connector is used; for External Calibration input, a BNC is used.

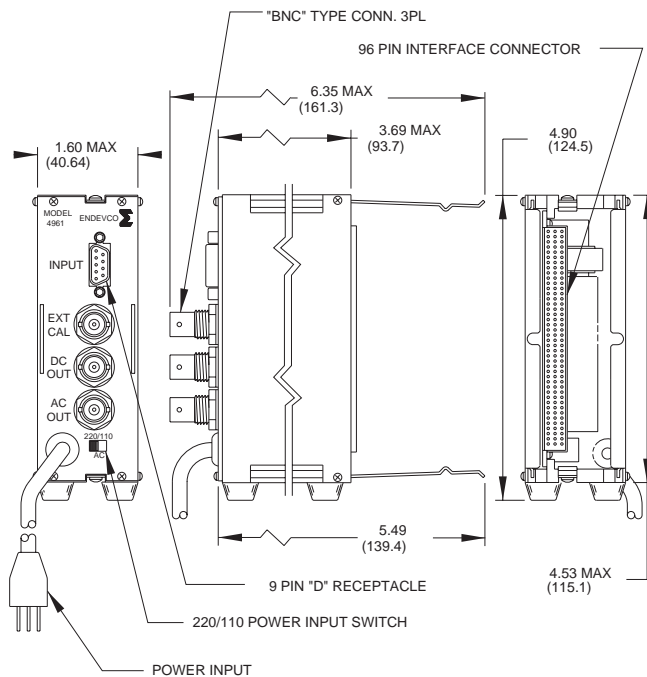


FIGURE 1, OUTLINE DRAWING

STANDARD TOLERANCE
INCHES (MILLIMETERS)
.XX = +/- .03 (.X = +/- .8)
.XXX = +/- .010 (.XX = +/- .25)

Single-Channel Power Module

SPECIFICATIONS

INPUTS

SENSORS 9 pin "D" connector for each bridge sensor

OUTPUTS

AC Out AC BNC connector with high current output

DC Out RMS BNC connector for low current output

POWER

VOLTAGE REQUIREMENTS 100-132 V VAC 50/60 Hz or 200-264 V VAC 50/60Hz

POWER DISSIPATION 1 Watt

PHYSICAL CHARACTERISTICS

DIMENSIONS 4.9"H x 1.6"W x 3.69"L (12.45cm x 4.06cm x 9.37cm)

WEIGHT 22.2 oz (630g)

CASE MATERIAL Aluminum

ENVIRONMENTAL CHARACTERISTICS

OPERATING TEMPERATURE +32°F to +122°F (0°C to +50°C)

STORAGE TEMPERATURE -40°F to +185°F (-40°C to +85°C)

RELATIVE HUMIDITY 5% to 90% non-condensing

VIBRATION 2 g pk or 0.01 in-pk, whichever is greater (5 to 500 Hz)

OPTIONAL ACCESSORY

EJ724 "D" CONNECTOR (9 PIN-MALE)

Notes

Maintain high levels of precision and accuracy using Endevco's factory calibration services. Call Endevco's inside sales force at 800-982-6732 for recommended intervals, pricing and turn-around time for these services as well as for quotations on our standard products.

Continued product improvement necessitates that Endevco reserve the right to modify these specifications without notice. Endevco maintains a program of constant surveillance over all products to ensure a high level of reliability. This program includes attention to reliability factors during product design, the support of stringent Quality Control requirements, and compulsory corrective action procedures. These measures, together with conservative specifications have made the name Endevco synonymous with reliability.