**R11W-F10/7-2 Specification Sheet**

### DESCRIPTION

Designed for reliable operation, the R11W-F10/7 can be used in a wide range of space critical applications where environmental sealing is not needed. Resolvers are analog, ratiometric devices, so any changes in the resolver's characteristics, such as those caused by aging, frequency, voltage or a change in temperature are ignored. Due to the small shaft size a flexible coupler must be used when connecting this resolver to your machinery. Note that this resolver is a Control Transformer, not a Transmitter, and will not work with AMCI's standard controllers or interface modules.

### DIMENSIONAL DRAWING

![Dimensional Drawing](image)

### Specifications

- **Input Voltage:** 12.0 V
- **Input Freq:** 2500 Hz
- **Primary:** Stator
- **Input Current:** 10.0 mA Max.
- **Output Voltage:** 6.00 V Nom.
- **Trans. Ratio:** 0.50 ± 5%
- **Accuracy:** 7 min. (max. error)
- **NEMA Rating:** NEMA 1

### Sample Installation

The picture below shows how to connect a R11W-F10/7 to AMCI's standard cable.

- Shields of the cable must not be connected to chassis ground except at the resolver decoder. Strip the shields back to inside the cable.

![Sample Installation](image)

**Wires from R11W-F10/7-2 Resolver**

**BELDEN 9873 or 9730 Cable To Resolver Decoder**

**BLK**  **BLK**  **RED**  **RED/ WHT**

**WHT**  **GRN**  **BLU**  **BLK/ WHT**