

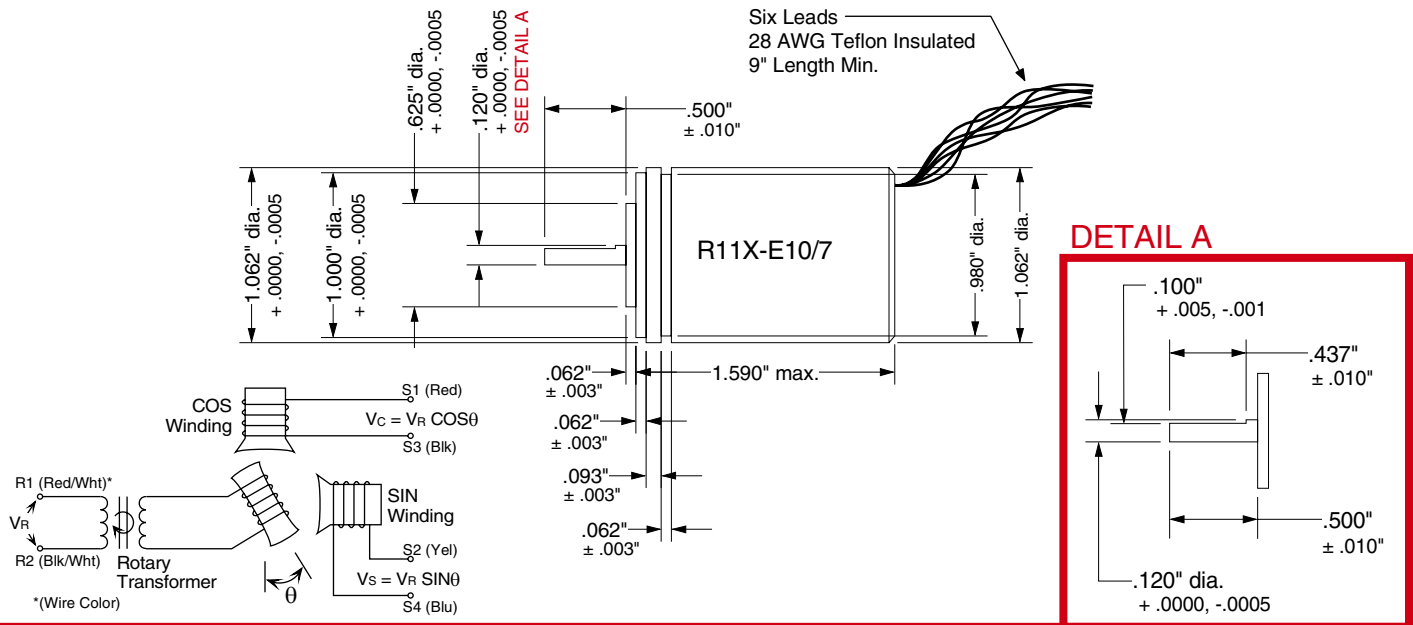
## R11X-E10/7 Specification Sheet

SHEET # 940-2T370

### DESCRIPTION

Designed for reliable operation, the R11X-E10/7 can be used in a wide range of applications. Use this resolver for space critical applications where environmental sealing is not needed. The resolver provides absolute position sensing of the input shaft and being that the signals are ratiometric, any changes in the resolvers 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 the resolver to your machinery. Note that this resolver is not directly compatible with most AMCI electronics. It is mechanically and electrically equivalent to Harowe's 11BRCX-300-E.

### DIMENSIONAL DRAWING



### SPECIFICATIONS

- Input Voltage: 9.0 V
- Input Freq: 2500 Hz
- Primary: Rotor
- Output Voltage: 8.9 V Nom.
- Trans. Ratio: 0.98 ± 5%
- Input Current: 17.0 mA Max.
- Z<sub>ro</sub> (Ω): 1046 + j1230
- Z<sub>rs</sub> (Ω): 478 + j774
- Z<sub>so</sub> (Ω): 1944 + j2836
- Z<sub>ss</sub> (Ω): 849 + j1750
- DC Rotor Res.: 66 Ω
- DC Stator Res.: 200 Ω
- Accuracy: 7 min. (max. error)
- Weight: 115g (4.04 oz)
- Rotor Moment: 2.1X10<sup>-4</sup> oz-in-sec<sup>2</sup>
- NEMA Rating: NEMA 1

### Sample Installation

The picture below shows how to connect a R11X-E10/7 to AMCI's standard cable.

