**R11X-N10/7 Specification Sheet**

**DESCRIPTION**

Designed for reliable operation the R11X-N10/7 can be used in a wide range of applications. The brushless resolver is unsurpassed by any other type of rotary position transducer. Use this resolver for space critical applications where environmental sealing is not needed. The resolver provides absolute position of the input shaft and being 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.

**DIMENSIONAL DRAWING**

![Dimensional Drawing](image)

**SPECIFICATIONS**

- Input Voltage: 7.0 V
- Input Freq: 1000 Hz
- Primary: Rotor
- Input Current: 17.0 mA Max.
- Trans. Ratio: 1.00 ± 5%
- Accuracy: 7 min. (max. error)
- NEMA Rating: NEMA 1

**Sample Installation**

The picture below shows how to connect a R11X-N10/7 to AMCI's standard cable. Connection to the AMCI Controller follows published cable prints.

**SCHEMATIC**

![Schematic](image)

**Sample Installation**

Shields of the cable must not be connected to chassis ground except at the electronics. Strip back the shields at this end so they are isolated at the resolver end.

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