

R11X-L10/6G Specification Sheet

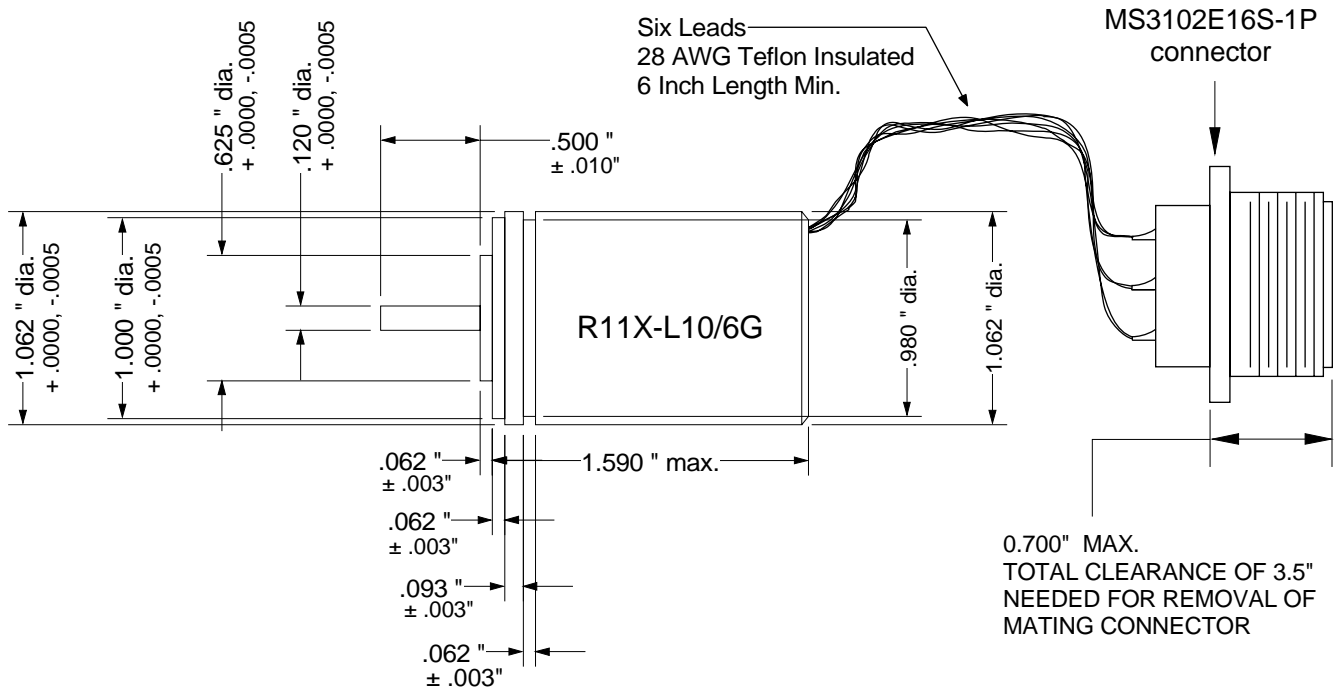
SHEET # 940-2T380

DESCRIPTION

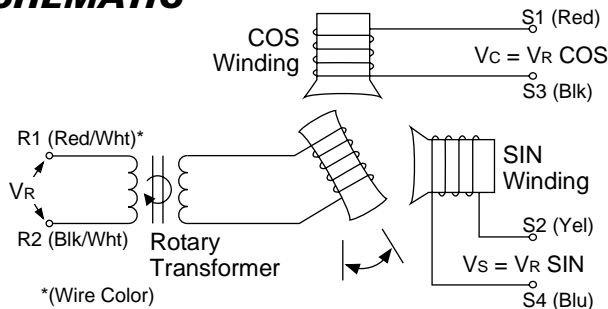
All of AMCI's resolvers are ratiometric, absolute position sensors that reliably operate in harsh environments. The R11X-L10/6G brushless resolver can be used in a wide variety of space critical applications where environmental sealing is not needed. This is not the standard resolver used in AMCI transducers. Therefore, it cannot be used with AMCI modules and controllers without an RM-3 Reference Module. The resolver is compatible with Autotech and Gemco products. The resolver comes with 6 inch leads that are soldered to a MS connector for easy hookup. The connector wiring is shown on the following page.

Due to its small shaft size, a flexible coupler must be used when connecting the resolver to your machinery. If your AutoTech or Gemco application requires an environmentally sealed package, consider using the HT-6, AMCI's smallest NEMA 13 transducer and an RM-3 Reference Module.

DIMENSIONAL DRAWING



SCHEMATIC



SPECIFICATIONS

- Input Voltage: 1.88 V
- Input Freq: 2250 Hz
- Primary: Rotor
- Input Current: 9.3 mA Max.
- Output Voltage: 2.63 V Nom.
- Trans. Ratio: 1.40 ± 5%
- Accuracy: ±6 min. (max. error)
- NEMA Rating: NEMA 1

R11X-L10/6G Specification Sheet

CONNECTOR PINOUT

The figure to the right shows the connector pin out to industry standard resolver designations.

<i>FEMALE MATE TO CONNECTOR:</i>			<i>AMCI Part #</i>
MS3106A16S-1S	STRAIGHT		MS-16
MS3108A16S-1S	RT. ANGLE		MS-18
MS3106F16S-1S	WATERTIGHT		MS-161

BENDIX CONNECTOR: MS3102E16S-1P

