

## HT-400-1E Specification Sheet

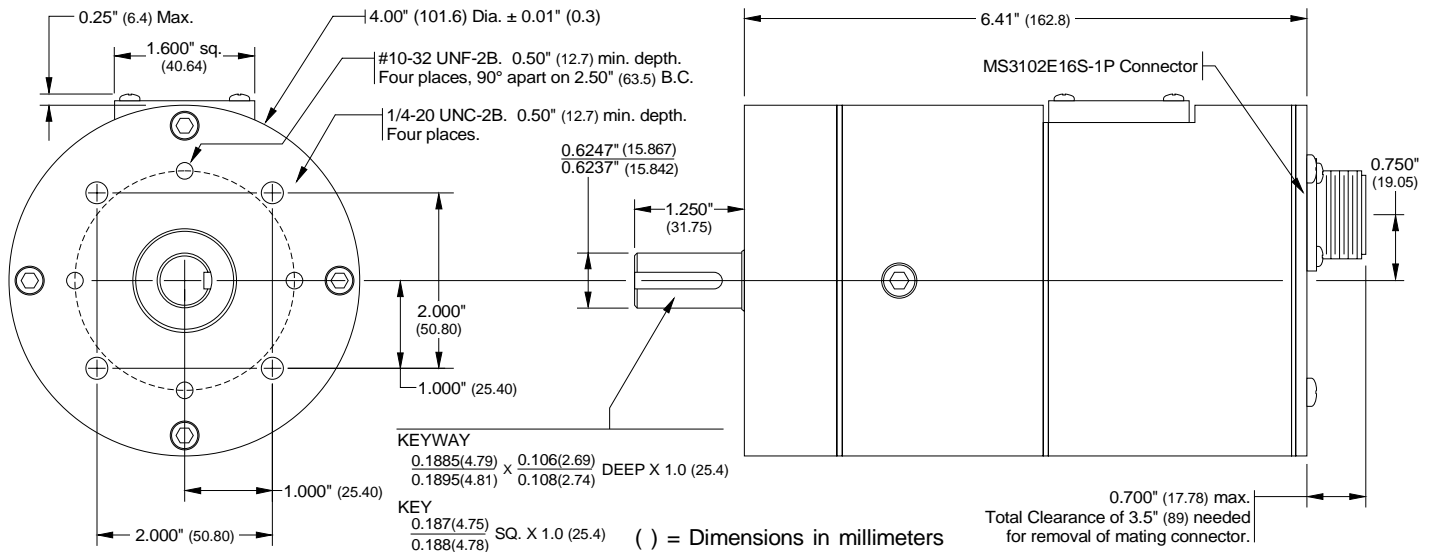
SHEET # 940-2T460

### DESCRIPTION

Designed as a direct mechanical replacement for Autotech Controls RL-100 transducers, this product is designed to ease installation change over when converting from Autotech to AMCI control systems. The HT-400-1 is an absolute single turn transducer with the mechanical dimensions and bolt pattern of the Autotech RL100-010. Note that this transducer will not work with Autotech controllers without an AMCI RM-3 Reference Module because of the differences in resolvers.

For AMCI users, the HT-400-1 offers the advantage of AMCI's standard cable connector. This option allows you to purchase pre-built and tested cables from AMCI to decrease your install time. AMCI's standard bolt pattern is also on the front of the transducer so that mounting brackets designed for our HT-20 transducers may also be used with the HT-400-1 without modification.

### DIMENSIONAL DRAWING



### SPECIFICATIONS

#### Mechanical

Shaft Loading: Radial: 400 lbs. max.  
Axial: 200 lbs. max.  
Starting Torque: 8 oz.in. @ 25°C  
Moment of Inertia: 20 oz-in-sec<sup>2</sup> max.  
Weight: 5.25 lbs

#### Environmental

Shock: 50 g's for 11 mSec  
Vibration: 15 g's to 2000 Hz  
Operating Temp: -20 to 125°C  
Enclosure: NEMA 4

## LEADERS IN ADVANCED CONTROL PRODUCTS

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## WIRING DIAGRAM

The figure below shows the wiring diagram of AMCI's CTL-(x) cable. The transducer connector assembled and tested at the factory. All wires on the other end of the cable are pigtailed for easy termination in the field.

