

HT-400 Specification Sheet

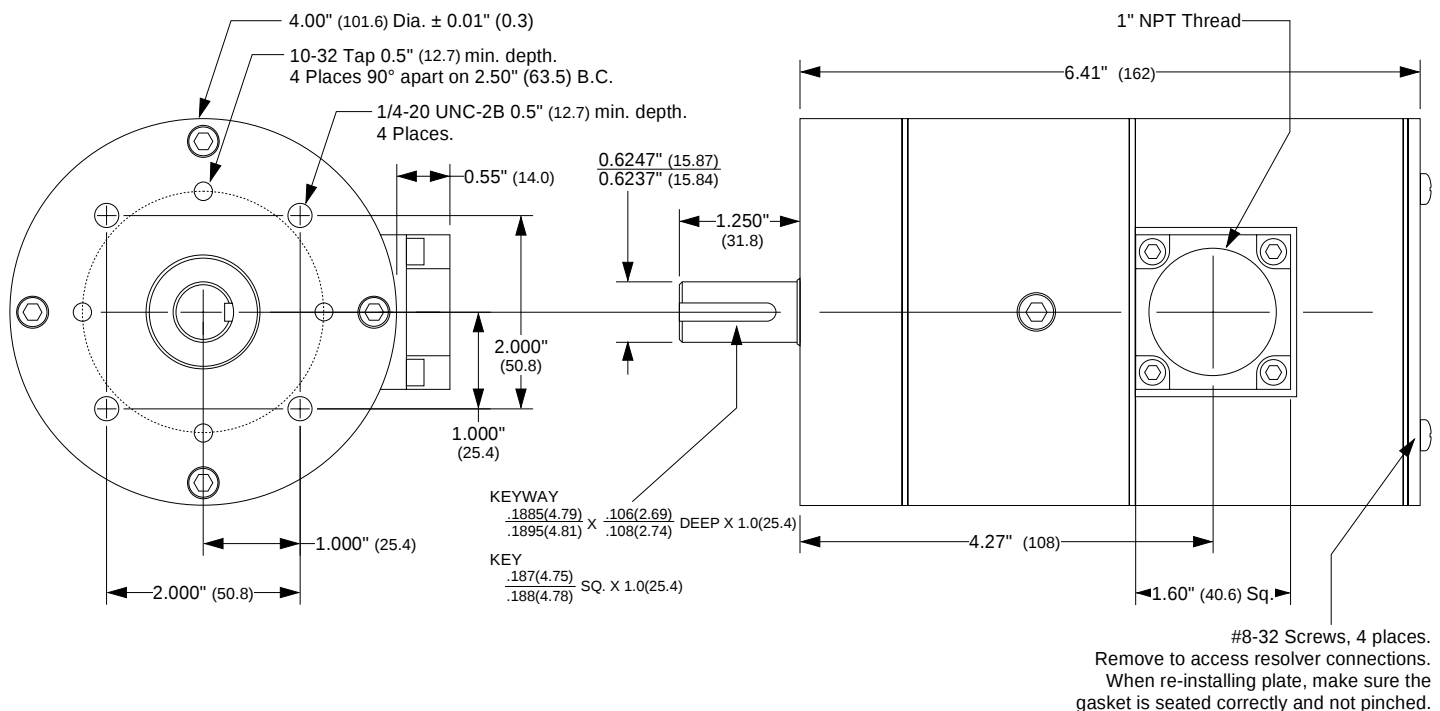
SHEET # 940-2T252

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 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 offers the advantage of a transducer with a conduit connection. With proper installation, this completely eliminates the possibility of liquid contaminants entering the transducer cable. 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 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-sec² 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

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WIRING DIAGRAM

The figure below shows how to wire the HT-400 to AMCI's standard Belden 9873 or 9730 cable. Connections to your AMCI module or controller follows AMCI's published cable prints.

