

LOW CAPACITY (INCH LBS.) GENERAL PURPOSE REACTION TORQUE SENSOR

TRT SERIES TORQUE SENSOR

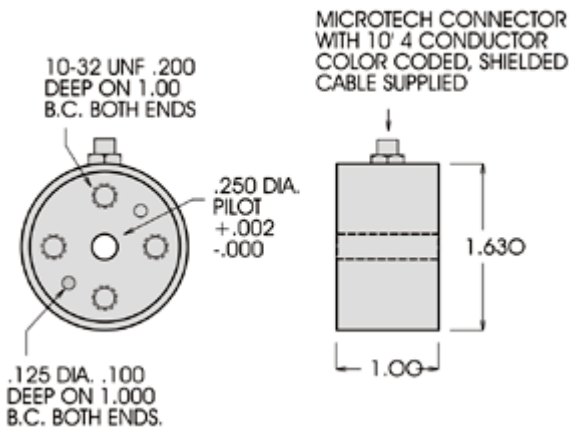
**CAPACITY RANGES:
25, 50, 100, 200, 500 INCH LBS.**

The TRT Series reaction torque sensors offer long term reliability due to non moving parts and state of the art bonded foil strain gages. Whenever possible, the best approach for precision torque measurements is via reaction torque sensing, eliminating high maintenance and high cost of slip rings, bearings and brushes.



SPECIFICATIONS

- Rated Output (R.O.): 2 mV/V nominal
- Nonlinearity: 0.1% of R.O.
- Hysteresis: 0.1% of R.O.
- Nonrepeatability: 0.05% of R.O.
- Zero Balance: 1.0% of R.O.
- Compensated Temp.
 - Range: 60° to 160°F
 - Safe Temp. Range: -65° to 200°F
- Temp. Effect on Output: 0.005% of Load/°F
- Temp. Effect on Zero: 0.005% of R.O./°F
- Terminal Resistance: 350 ohms nominal
- Excitation Voltage: 10 VDC
- Safe Overload: 150% of R.O.



MODEL	CAPACITY INCH LBS	TORSIONAL STIFFNESS INCH LBS./RAD.	MAX OVERHUNG MOMENT WxS INCH LBS.	MAX SHEAR W LBS.	MAX THRUST R LBS.
TRT-25	25	5,125	50	20	425
TRT-50	50	5,125	50	20	425
TRT-100	100	10,125	100	40	800
TRT-200	200	20,375	200	80	1,400
TRT-500	500	75,875	300	200	2,600

