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

TRT SERIES

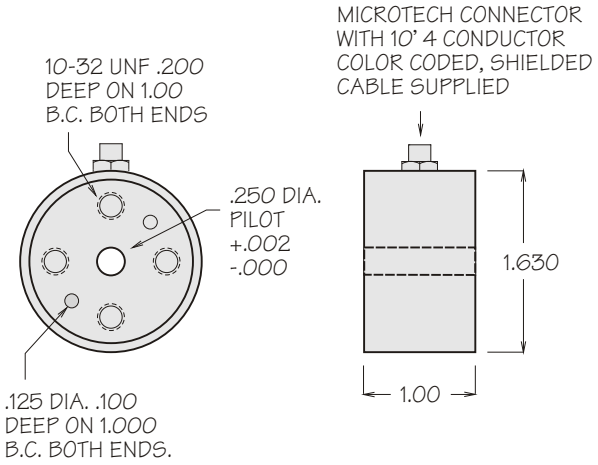
CAPACITY RANGES:
25, 50, 100, 200, 500 INCH LBS.



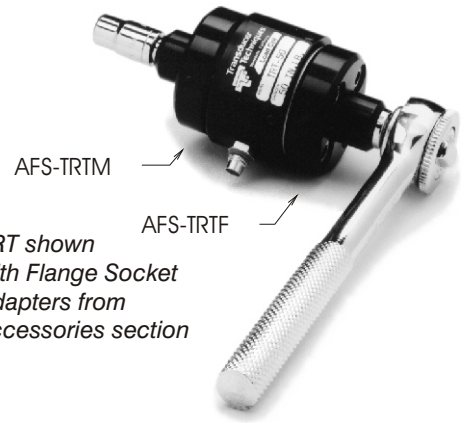
The TRT Series reaction torque sensors offer long term reliability due to non moving parts and state of the art bonded foil strain gages. Whenever possible, the best approach for precision torque measurements is via reaction torque sensing, eliminating high maintenance and high cost of slip rings, bearings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



TRT shown with Flange Socket Adapters from accessories section