



Nm 01325 (hex)

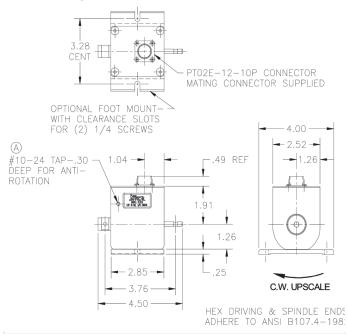
Rotating Torque Sensors

An angle encoder and round or square housings are available with this model. Square housings have optional foot mounts. These strain gage based sensors are designed to measure torque in low capacity applications such as checking calibration in mechanical torque wrenches and air powered nut runners. The design incorporates a coin silver slip ring assembly that transmits excitation voltage to, and output signals from, the rotating drive sensor. These sensors can be supplied with Auto-ID, which eliminates scaling when used with the PMAC 2000 instrument.

SPECIFICATIONS

Capacity	See chart
Overload capacity	150% of F.S.
Output at F.S	See chart
Non-linearity	0.10% of F.S.
Hysteresis	0.10% of F.S.
Zero balance	1.00% of F.S.
Compensated temperature	70 to 170°F
Useable temperature	40 to +185°F
Temperature effect on zero	0.002% of F.S./°F
Temperature effect on span	0.002% of Rdg./°F
Bridge resistance	1000 Ohms
Excitation voltage, maximum	
Maximum speed	5000 RPM*
Material:	
Shaft	Allov Steel

Snan	Alloy	Steel
Housing	. Alum	inum



ACTIVE END

OPTIONS

- 4 pin Bendix connector (non Auto-ID)
- 10 pin Bendix connector (Auto-ID)
- Integral angle encoder 1024 ppr
 or 60 tooth mag pick-up (requires 10 pin connector)
- Footmount

DIMENSIONS

MODEL	CAPACITY				
MODEL	IN-LB	FT-LB	NM	DRIVE SIZE	OUTPUT
01325-051	50	4	6	1/4" Hex	2.0 mV/V
01325-021	125	10	14		3.0 mV/V



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