



Technical Data Sheet.

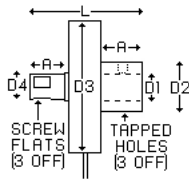
8M. Reaction Torque Transducer. (0.2Nm to 30Nm Capacity).



The 8M Torque Transducer is designed for low level measurements.

The axial beam design increases the bend stiffness, which minimises any external effects.

Dimensions.

All dimensions are in millimetres unless otherwise stated							
	Capacity	D1	D2	D3	D4	A	L
	The male shaft has three set-screw flats with 120° separation. The female receptacle has 3 tapped holes, 120° apart threaded to accept 10-32 set screws.	25 in.oz (177mNm)					
100 in.oz (706mNm)							
250 in.oz (1.765Nm)		9.55	19.05	38.1	9.53	12.7	38.1
50 in.lbs (5.65Nm)							
100 in.lbs (11.3Nm)							
300 in.lbs (33.9Nm)							

Specifications.

Nominal Sensitivity	2.0mV/V
Overload Capacity	50% F.S
Torsional Deflection	<1°
Non-Linearity	+/- 0.1% F.S
Repeatability	+/- 0.05% F.S
Hysteresis	+/- 0.1% F.S
Bridge Supply	10V dc