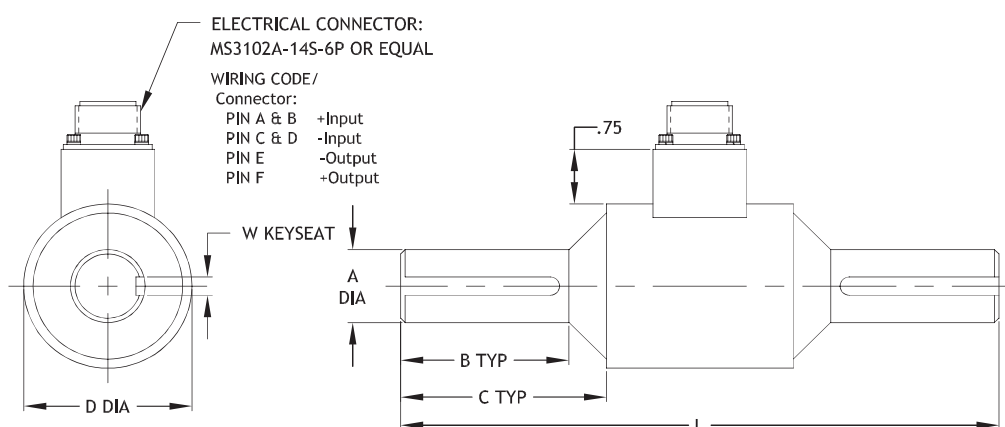


## Shaft Mount Torque Transducer

Model XTS100/XTS150

max.  
12,000  
in-lbs

Force



## Measuring ranges

- 0-600 to 0-12,000 in-lbs



## Features

- Reaction Torque Measurement
- Mounts In-Line with Large Shafts
- High Torque Ranges Available
- Stainless Steel Construction
- No Rotating/Moving Parts



## Drawing

- 99-3163-0000

All dimensions are in inches, unless otherwise noted. Also available in metric units.

PERFORMANCE SPECIFICATIONS (FSO is Full Scale Output)		Capacity (in-lbs)	Ordering Example
EXCITATION (VDC or VAC)	10 VDC, 15 VDC max	600	XTS100-0600
OUTPUT	2 mV/V Nominal	1,000	XTS100-001K
BRIDGE RESISTANCE	350 Ohms	3,000	XTS150-003K
LINEARITY	±0.20% FSO	12,000	XTS150-012K
HYSTERESIS	±0.10% FSO		
REPEATABILITY	±0.03% FSO		
ZERO BALANCE	±2.0% FSO		
OPERATING TEMP RANGE	-65 to +225°F (-54 to +107°C)		
COMPENSATED TEMP RANGE	+60 to +160°F (+15 to +71°C)		
THERMAL EFFECTS on Zero	±0.005% FSO/°F		
on Span	±0.005% Reading/°F		
SAFE OVERLOAD	150% of Capacity		
ULTIMATE OVERLOAD	300% of Capacity		
CASING MATERIAL	Stainless Steel		

Ranges (in-lbs)	Model	A	B	C	D	L	W
0-600 to 0-2,000	XTS100	1.00	2.25	2.75	2.25	8.00	1/4
0-3,000 to 0-12,000	XTS150	1.50	3.00	3.75	3.50	11.00	3/8