

# TSSS - Static Torque Reaction Transducer

## Product Overview

This style of torque transducer has been produced for the offshore industry for several years. The TSSS range offers a number of different square sizes, at very little extra cost.

The TSSS range of torque reaction transducers provide a cost-effective solution to static or semi-rotary torque measuring applications. A range of readouts and amplifiers are also available. The TSSS transducer is also available with gauge coatings, suitable for subsea installations.

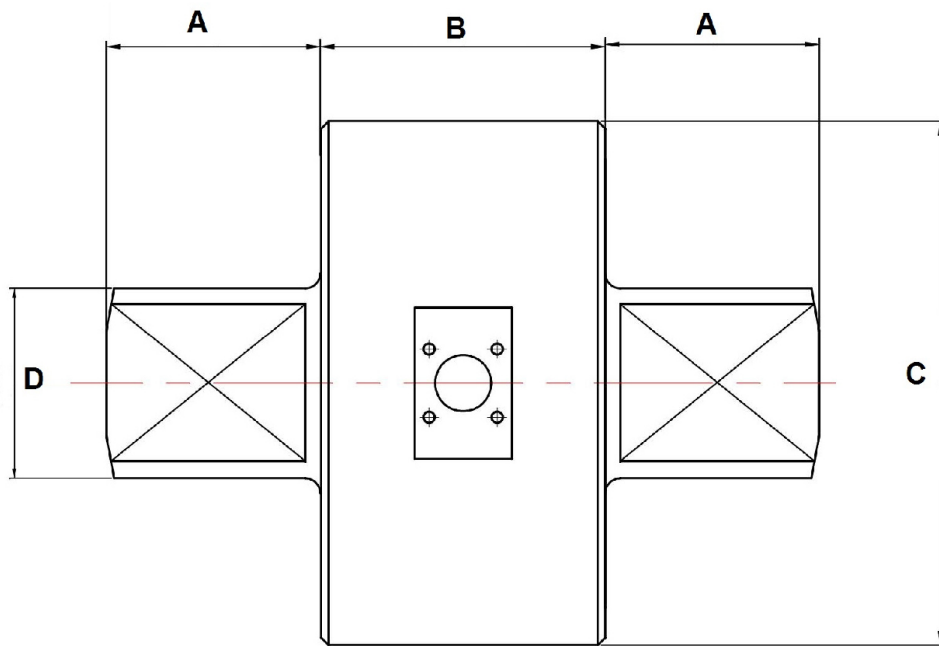
### System Specifications:

Nominal Sensitivity:	1.5mV/V	Non-linearity:	±0.2% fs
Compensated Range:	20 to +60°C	Operating Temp:	0 to +80°C
Overload Capacity:	150% fs	Repeatability:	±0.1% fs
Storage Temp:	-30 to +90°C	Accuracy:	±1.0% fs
Hysteresis:	±0.2% fs	Zero Shift:	< ±0.01%/C°
Bridge Supply:	10V	Span Shift:	< ±0.02%/C°
Bridge Resistance:	1050 ohms		

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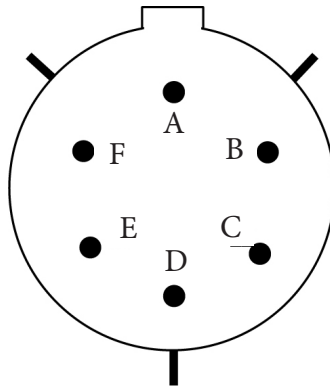
## Dimensions



MODEL	RATING NM	A	B	C	D
TSSS-15klbft	20000	57	76	140	51
TSSS-100klbft	135000	86.5	100.5	182	89
TSSS-200klbft	271000	86.5	100.5	243	152

## Wiring Details

PIN	Designation
A	Excitation (+)
B	Sense (+)
C	Excitation (-)
D	Sense (-)
E	Signal (-)
F	Signal (+)



For more information about the TSSS range or for a quote, call +44 (0) 1455 25 14 88 or email [sales@indmeas.co.uk](mailto:sales@indmeas.co.uk).

# Providing custom torque solutions

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