



TSFF - Static Torque Reaction Transducer

Product Overview

The TSF range of Torque Transducers provides a cost-effective solution to static or semi-Rotary Torque measuring problems.

Intermediate and larger sizes are available. An aluminium version is also available where weight is of concern. All units are internally strain gauged for protection and a range of readouts and amplifiers are available for the complete range of TSF Transducers.

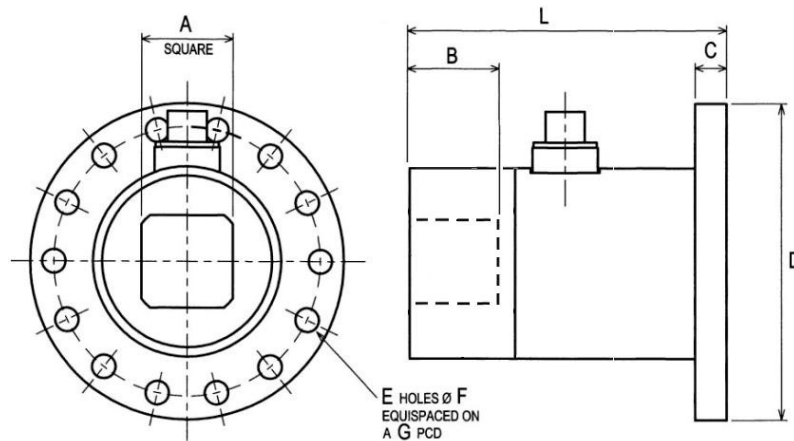
System Specifications:

Nominal Sensitivity:	1.5mV/V	Non-linearity:	±0.1% fs
Compensated Range:	0 to +95°C	Overload Capacity:	150% fs
Repeatability:	±0.05% FS	Storage Temp:	-30 to +95°C
Bridge Supply:	10V	Hysteresis:	±0.1% fs
Zero Shift:	< ±0.01%/C°	Bridge Resistance:	700 ohms
Operating Temp:	0 to +95°C	Span Shift:	< ±0.02%/C°
Tolerance on C diameter:	H7	Accuracy:	0.25% FS

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Dimensions



Model	Size	A	B	C	D	E	F	G	L
TSFF 0.5"	160 Nm	0.5"	16	12	80	8	6.5	65	75
TSFF 1.0"	1000 Nm	1.0"	28.6	15	120	8	10.2	100	120
TSFF 1.5"/3k	3000 Nm	1.5"	41.5	15	140	8	12.2	115	150
TSFF 1.5"/5k	5000 Nm	1.5"	41.5	15	140	8	12.2	115	150
TSFF 2.5"/10k	10000 Nm	2.5"	58	25	215	16	16.5	180	185
TSFF 2.5"/30k	30000 Nm	2.5"	58	25	215	16	16.5	180	185
TSFF 3.5"	75000 Nm	3.5"	Available on request.						

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For more information about the TSFF range or for a quote, call +44 (0) 1332 810 240 or email sales@indmeas.co.uk.

Providing custom torque solutions

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