

TRR TORQUE TRANSDUCER



The TRR series torque transducer provides accurate "in-line" and cost-effective low-speed torque measurement. The units incorporate silver slip rings and silver-graphite brushgear for strain gauge bridge power and signal transmission. Options include torsionally stiff flexible couplings parallel bored as necessary. A range of digital readouts and other amplifiers is available for these transducers. Higher torques and speeds are covered by our TRP series.

SPECIFICATION

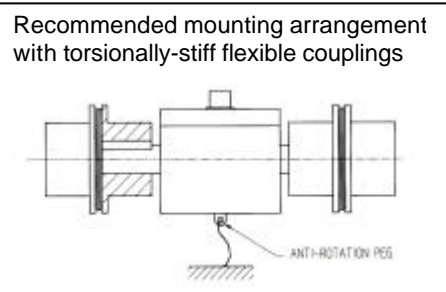
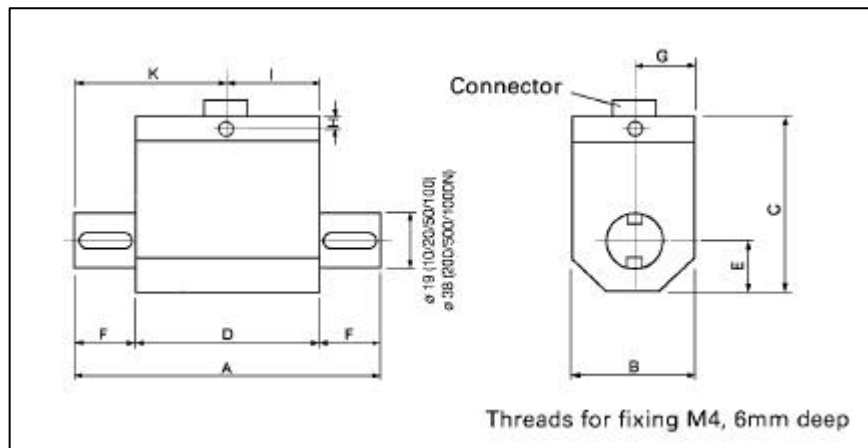
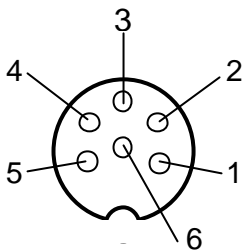
Output	2mV/V
Overload capacity	150%
Non-linearity	<0,2% fs
Operating temperature	+5 to +50°C
Zero shift	0,015%/C°
Span shift	0,015%/C°
Max speed	3000 rpm
Connector	6 pin Tuchel
Protection class	IP40

DIMENSIONS

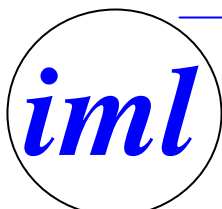
PART No.	Nm	A	B	C	D	E	F	G	H	I	K
TRR-10	10	108	38	58	44	19	30	19	6	22	53
TRR-20	20	108	38	58	44	19	30	19	6	22	53
TRR-50	50	108	38	58	44	19	30	19	6	22	53
TRR-100	100	108	38	58	44	19	30	19	6	22	53
TRR-200	200	182	73	90	57	36,5	60	36,5	5	28,5	90,5
TRR-500	500	182	73	90	57	36,5	60	36,5	5	28,5	90,5
TRR-1000	1000	182	73	90	57	36,5	60	36,5	5	28,5	90,5

Pin connections

- 1 -ve supply
- 2 +ve supply
- 3 screen, no connection in sensor
- 4 +ve signal
- 5 -ve signal
- 6 - supply 100% calibration



Data sheet TRR/0203. All dimensions are in mm. Details may change without notice, please ask for confirmation if required



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