



TCS

Shaft Type Rotary Torque Transducer (5kgf-cm ~ 1000kgf-cm)

www.ctaplus.com

FEATURE

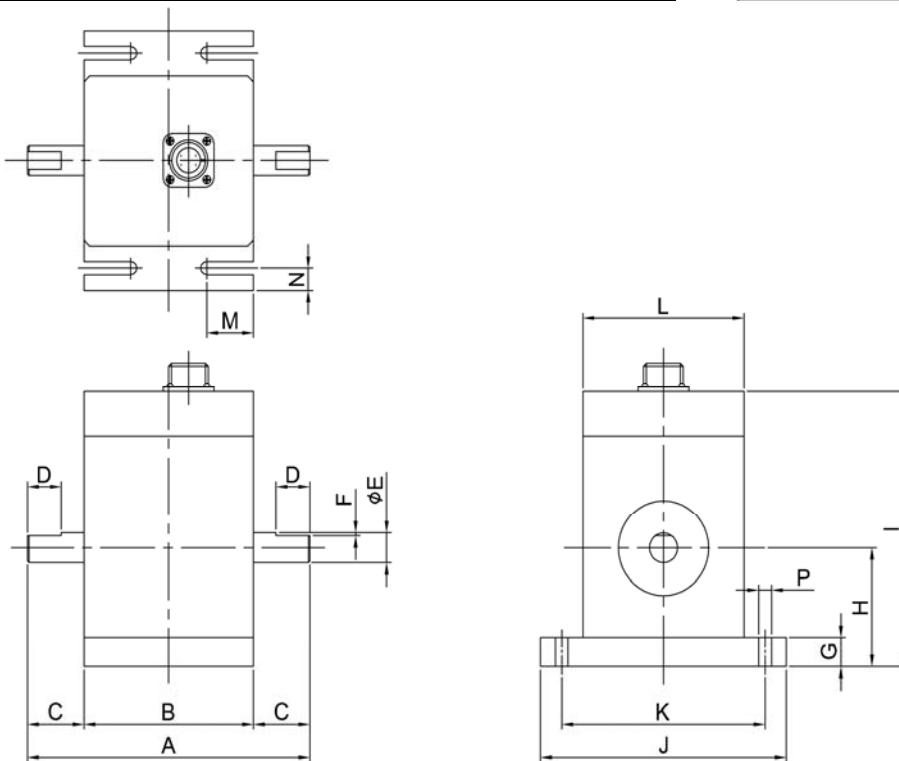
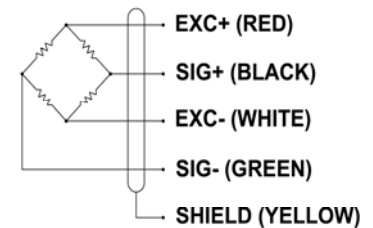
Tcs models are appropriate for measuring torque of continuous rotating object with comparative low capacity and for using bolts, assembly and product line in laboratory.

SPECIFICATION

MODEL	TCS
Rated capacity (R.C.)	5, 10, 20, 50, 100, 200, 500, 1000 kgf-cm
Rated output (R.O.)	1.5 ± 0.35mV/V
Non-linearity	≤ 0.3% R.O.
Hysteresis	≤ 0.3% R.O.
Non-repeatability	≤ 0.3% R.O.
Terminal resistance, input	350Ω ± 1%
Terminal resistance, output	350Ω ± 1%
Insulation resistance	>2000MΩ
Temp. effect on rated output	≤ 0.1% LOAD/10°C
Temp. effect on zero balance	≤ 0.1% R.O./10°C
Excitation Voltage	10V DC
Safe overload	150% R.C.
Cable	φ7 shield 5m



WIRING INFORMATION



DIMENSION

Rated Capacity	A	B	C	D	φE	F	G	H	I	J	K	L	M	N	P
5, 10kgf-cm	96	60	18	12	8	1	10	40	92.5	87	72	57	16.5	7.5	4.5
20, 50 kgf-cm	100	60	20	12	10	1	10	40	92.5	87	72	57	16.5	7.5	4.5
100, 200kgf-cm	120	76	22	15	18	5x5	10	40	92.5	87	72	57	20	7.5	4.5
500, 1000kgf-cm	146	76	35	20	20	6x6	10	40	92.5	97	82	67	20	7.5	5.5