

STATIC TORQUE METER

MODEL : TCF



NTS
TECHNOLOGY CO., LTD



STANDARD SPECIFICATION

Rated Capacity : 0.2Nm~5000N-m

Rated Output : 1mV/V $\pm$ 1% (0.2Nm is 0.7mV/V)

Non-Linearity : 0.3% RO (0.2Nm~5N-m is 0.5%R.O.)

Hysteresis : 0.3% RO (0.2Nm~5N-m is 0.5%R.O.)

Repeatability : 0.2% R.O.

Recommended Input Voltage : 10V

Maximum Input Voltage : 18V

Input / Output Resistance : 350 Ω $\pm$ 1%

Insulation Resistance : > 2000M Ω

Temperature Effect on Zero Balance : $\pm$ 0.01%R.O./ $^{\circ}$ C

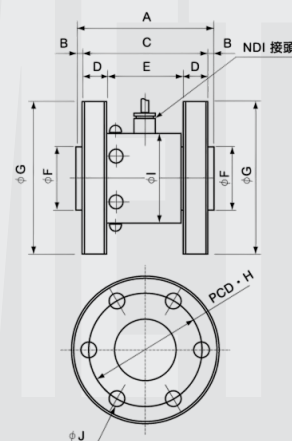
Temperature Effect on Rated Output : $\pm$ 0.01%/ $^{\circ}$ C

Safe Overload Rating : 120%R.C.

Cable :

- $\varnothing$ 10, 4-conductor shielded cable, Length 3m (500N-m and above)
- $\varnothing$ 6, 4-conductor shielded cable, Length 2m (1~200N-m)
- $\varnothing$ 3, 4-conductor shielded cable, Length 2m (0.2~0.5Nm)

OUTLINE



MODEL \ ITEM	RATED CAPACITY		A	B	C	D	E	$\varnothing$ F	$\varnothing$ G	H	$\varnothing$ I	$\varnothing$ J	WEIGHT (KG)
TCF-0.2N	0.2N-m	0.020kgf-m	61	3	55	5	45	20	48	38	26	2x4-4.5	0.32
TCF-0.5N	0.5N-m	0.050kgf-m	61	3	55	5	45	20	48	38	26	2x4-4.5	0.32
TCF-1N	1N-m	0.102kgf-m	61	3	55	10	35	40	80	66	48	2x4-6.5	1.20
TCF-2N	2N-m	0.204kgf-m	61	3	55	10	35	40	80	66	48	2x4-6.5	1.20
TCF-5N	5N-m	0.510kgf-m	61	3	55	10	35	40	80	66	48	2x4-6.5	1.21
TCF-10N	10N-m	1.019kgf-m	61	3	55	10	35	40	80	66	48	2x4-6.5	1.30
TCF-20N	20N-m	2.039kgf-m	61	3	55	10	35	40	80	66	48	2x4-6.5	1.30
TCF-50N	50N-m	5.099kgf-m	61	3	55	10	35	40	80	66	48	2x4-6.5	1.30
TCF-100N	100N-m	10.19kgf-m	61	3	55	10	35	40	80	66	48	2x4-6.5	1.30
TCF-200N	200N-m	20.39kgf-m	86	3	80	15	50	40	98	78	58	2x6-10.5	2.20
TCF-500N	500N-m	50.99kgf-m	130	3	120	20	80	60	118	95	58	2x6-10.5	4.20
TCF-1000N	1000N-m	101.9kgf-m	136	3	130	20	90	60	146	115	75	2x6-14	6.50
TCF-2000N	2000N-m	203.9kgf-m	146	3	140	25	90	60	166	130	88	2x8-18	9.70
TCF-5000N	5000N-m	509.9kgf-m	176	3	170	35	100	60	197	155	98	2x12-17	18.00

UNIT : mm.