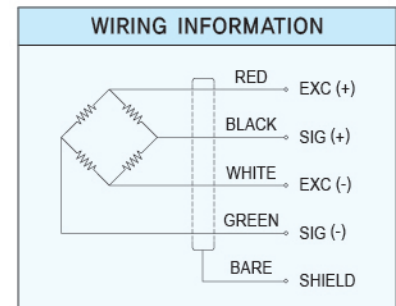
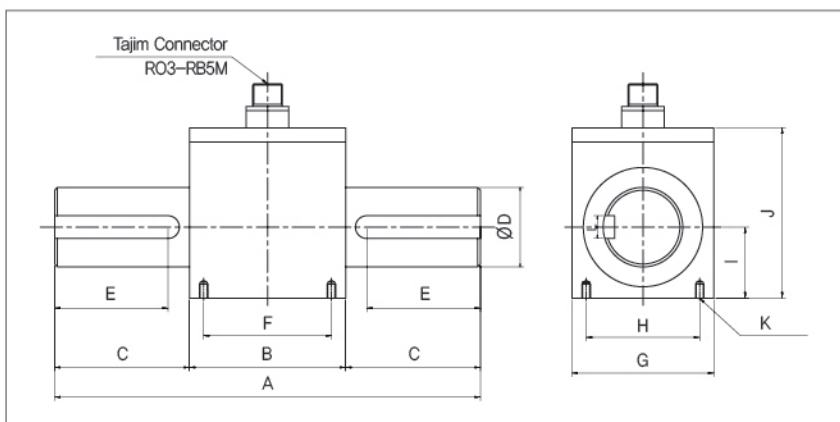
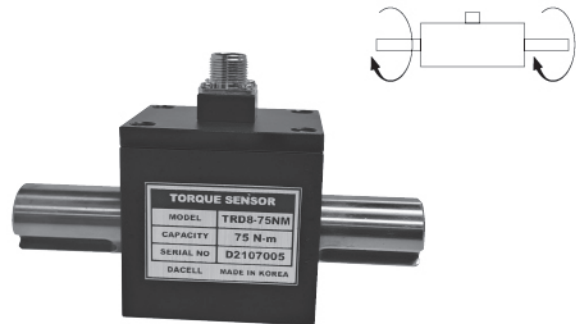


Shaft Type Torque Sensors

> Model TRD8

Small brush type torque sensor.
High precision with using strain gauge method.
Test equipment such as motors, engine clutches, etc.



> SPECIFICATIONS

Specifications	Accuracy
Rated capacity(R.C)	1, 2, 5, 10, 20, 30, 50, 75, 100, 250kgf-m
Rated output(R.O)	2mV/V $\pm$ 1%
Nonlinearity	0.3% of R.O.
Hysteresis	0.3% of R.O.
Repeatability	0.2% of R.O.
Temperature effect on rated output	0.3% of LOAD/10 $^{\circ}$ C
Temperature effect on zero balance	0.2% of R.O./10 $^{\circ}$ C
Terminal resistance	350 Ω $\pm$ 5%
Insulation resistance bridge	200M Ω
Excitation recommended	10V
Safe overload	120% R.C.
Cable length	$\varnothing$ 7mm, 4core, 3m

> DIMENSIONS TABLE

unit:mm

Model	Capacity	A	B	C	$\varnothing$ D	E	F	G	H	I	J	K	L
TRD8-1K	1kgf-m (9.807N-m)	90	50	20	14	15	42	40	32	20	50	4 $\times$ M3	5 $\times$ 5
TRD8-2K	2kgf-m (19.61N-m)	90	50	20	14	15	42	40	32	20	50	4 $\times$ M3	5 $\times$ 5
TRD8-5K	5kgf-m (49.03N-m)	110	50	30	19	25	42	40	32	20	50	4 $\times$ M3	6 $\times$ 6
TRD8-10K	10kgf-m (98.07N-m)	110	50	30	19	25	42	40	32	20	50	4 $\times$ M3	6 $\times$ 6
TRD8-20K	20kgf-m (196.1N-m)	150	55	47.5	28	40	45	50	40	25	60	4 $\times$ M3	8 $\times$ 7
TRD8-30K	30kgf-m (294.2N-m)	150	55	47.5	28	40	45	50	40	25	60	4 $\times$ M3	8 $\times$ 7
TRD8-50K	50kgf-m (490.3N-m)	180	60	60	39	50	50	60	50	30	70	4 $\times$ M4	12 $\times$ 8
TRD8-75K	75kgf-m (735.5N-m)	180	60	60	39	50	50	60	50	30	70	4 $\times$ M4	12 $\times$ 8
TRD8-100K	100kgf-m (980.7N-m)	260	75	92.5	54	80	65	80	70	40	90	4 $\times$ M4	16 $\times$ 10
TRD8-250K	250kgf-m (2,452kN-m)	260	75	92.5	54	80	65	80	70	40	90	4 $\times$ M4	16 $\times$ 10

★Specifications are subject to change without notice.