

MLC522 Fan Single-Flange Static Torque Sensor

Model: MLC522

Category: Torque Sensor

Range: 0-1,2,5,10KNm

Material: Alloy Steel

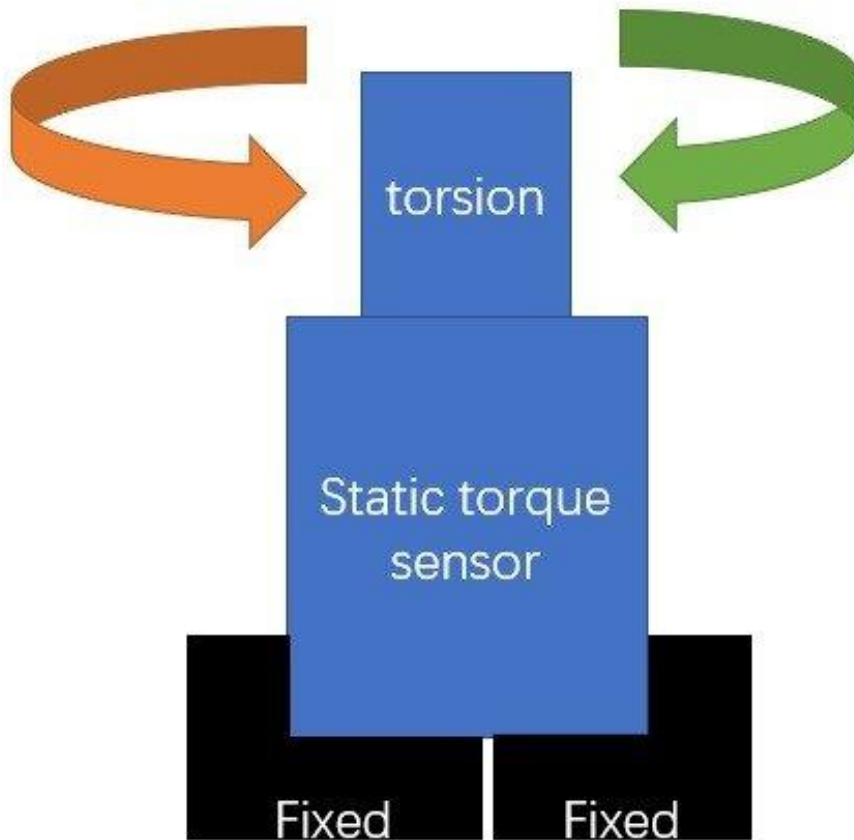
Application: Fan Torque Sensor for torque & power of fans, pumps, gearboxes & torque wrenches

Keywords: Fan Single-Flange Static Torque Sensor

Product Image



Force Structure

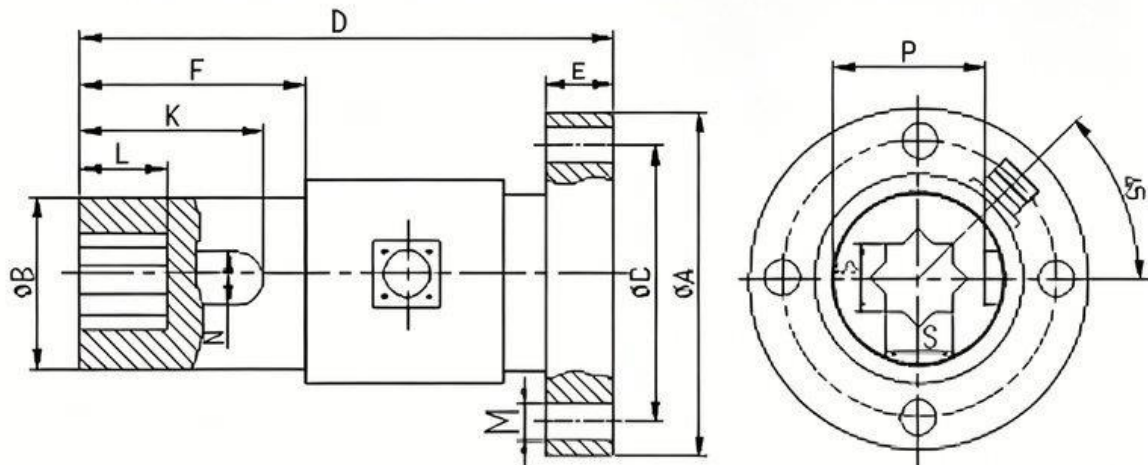


Specifications

Range	0-1,2,5,10KNm	Response Frequency	100 μ S
Sensitivity	1.5 $\pm$ 10% mV / V	Insulation Resistance	$\geq$ 5000M Ω / 100VDC
Zero Output	$\pm$ 1% F.S.	Excitation Voltage	10VDC(9-15VDC)
Nonlinearity	$\pm$ 0.1, 0.3% F.S.	Temp. Compensation Range	-10 ~ 60 $^{\circ}$ C
Hysteresis	$\leq$ $\pm$ 0.05% F.S.	Operating Temp. Range	-20 ~ 65 $^{\circ}$ C
Repeatability	$\leq$ $\pm$ 0.05% F.S	Safe Overload	150% F.S.
Creep	$\leq$ $\pm$ 0.03% F.S/30min	Ultimate Overload	200% F.S.
Temp. Sensitivity Drift	0.03% F.S. / 10 $^{\circ}$ C	Cable Size	$\varnothing$ 5.2 $\times$ 3m
Zero Temp. Drift	0.03% F.S. / 10 $^{\circ}$ C	Electrical Connection	Red/E+, Black/E-, Green/S+, White/S-
Input Resistance	350,750 $\pm$ 10 Ω	Material	Aluminum, Stainless Steel or Alloy Steel
Input Resistance	350,700 $\pm$ 5 Ω	Other Requirements	Customizable

Product Dimensions

MLC522



型号	数量	d0	d1	d1	D	B	F	K	L	K	S	P	W
MLC522A	4-1000mm	90	60	80	155	20	67	53	25	16	30	44	4-410.5
MLC522A	4-1000mm	98	60	80	80	15	35	32	26	10	20	46	4-410.5
MLC522B	4-3000mm	125	16	135	150	20	42	60	30	20	35.5	67.5	8-412.5
MLC522C	4-5000mm	125	75	195	150	20	82	80	90	32	48.5	67.5	8-412.5
MLC522D	0-10000mm	190	98	190	220	30	120	110	70	3-33	55	78	8-419