



MLC5106 Motor Speed Torque Sensor

Model: MLC5106

Category: Torque Sensor

Range: 0.2,0.3,0.5,10,200,500,200,5000Nm

Material: Alloy Steel

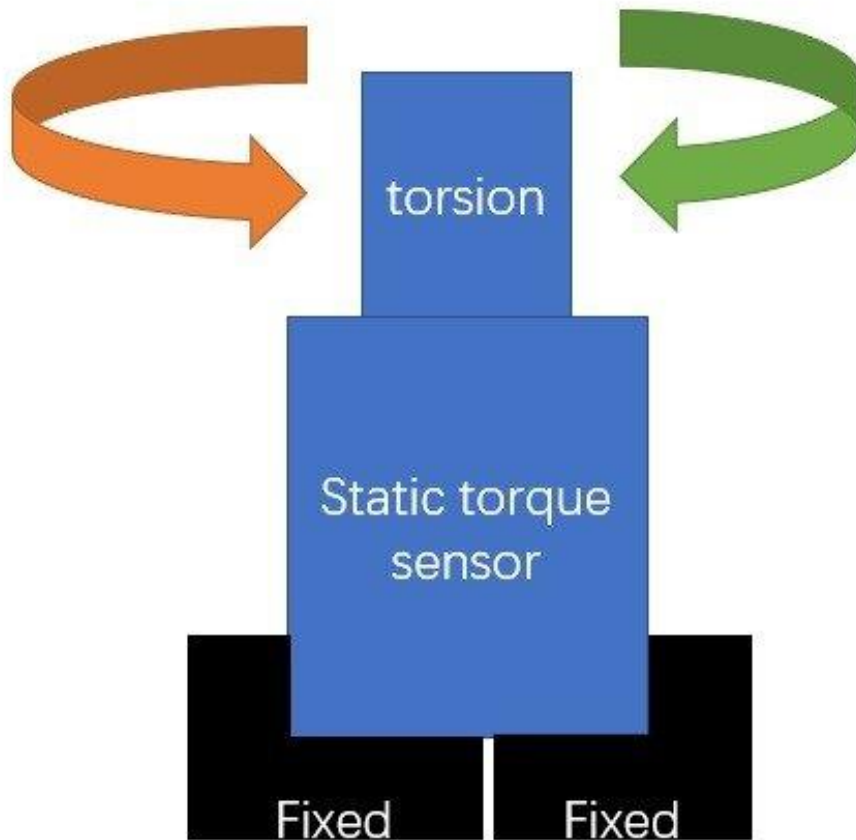
Application: Micro Dynamic Torque Measurement

Keywords: Dynamic Speed Torque Sensor

Product Image



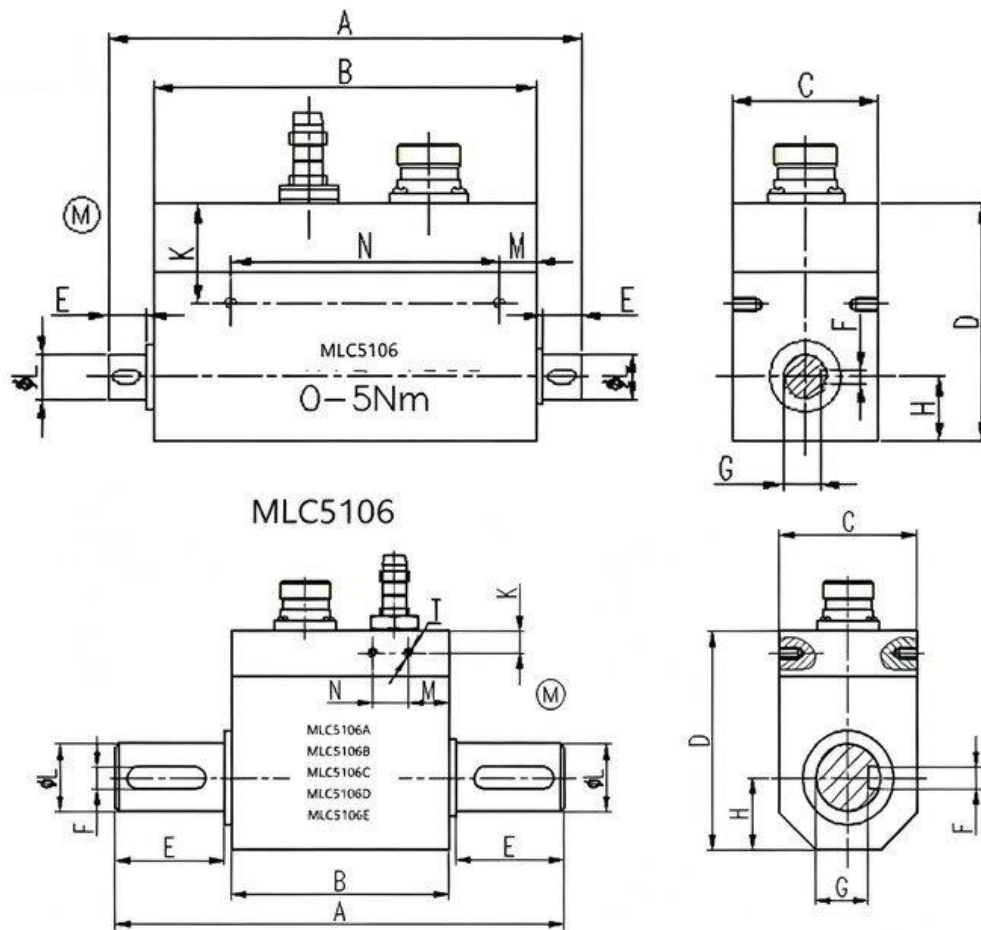
Force Structure



Specifications

Range	0.2,0.3,0.5,10,200,500,200,5000Nm	Response Frequency	100 μ S
Sensitivity	$1.5 \pm 10\%$ mV / V	Insulation Resistance	$\geq 5000M \Omega$ / 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	$350,750 \pm 10 \Omega$	Material	Aluminum, Stainless Steel or Alloy Steel
Input Resistance	$350,700 \pm 5 \Omega$	Other Requirements	Customizable

Product Dimensions



型号	量程Nm	A	B	C	D	E	F	G	H	K	M	N	T	适用转速
MLC5106	5	104	84	82	52	8.5	8	8.2	14	22	10	69	6	4-M5深8 1000转/分
MLC5106A	100	124	60	56	58	30	6	14.5	19	8	18	10	11	4-M5深10 1000转/分
MLC5106B	500	150	73	53	73.5	40	8	24	27	17	28	15	12	4-M5深10 2000转/分
MLC5106C	1000	208	125	80	125	60	15	44	45	28	30	25	14	4-M5深12 3000转/分
MLC5106D	2000	299	132	95	128	60	15	49	47.5	28	36	25	22	4-M5深12 900转/分
MLC5106E	5000	367	157	139	171	100	22	66	67.5	30	75	30	22	4-M5深12 200转/分