

MLC5105E Motor Micro Dynamic Torque Sensor

Model: MLC5105E

Category: Torque Sensor

Range: 0.1,0.2,0.3,0.5,1-5,Nm

Size: D57*85mm

Material: Alloy Steel

Application: Micro Dynamic Torque Measurement

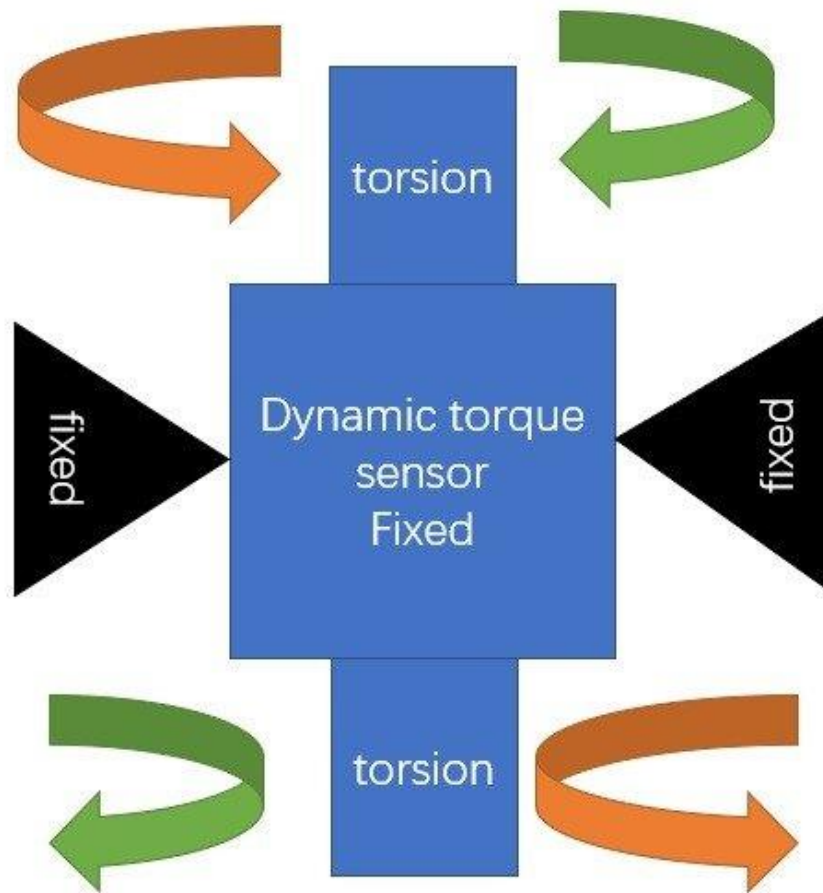
Feature: Micro Dynamic Torque Sensor

Keywords: Motor Micro Dynamic Torque Sensor

Product Image



Force Structure



Specifications

Range	0.1,0.2,0.3,0.5,1-5,Nm	Input Resistance	700 ± 5 Ω
Sensitivity	1-1.5 mV / V	Insulation Resistance	≥5000M Ω / 100VDC
Zero Output	±2% F.S.	Excitation Voltage	10-15VDC
Nonlinearity	±0.1, 0.3% F.S.	Temp. Compensation Range	-10 ~ 60℃
Hysteresis	≤±0.05% F.S.	Operating Temp. Range	-20 ~ 65℃
Repeatability	≤±0.05% F.S	Safe Overload	150% F.S.
Creep	≤±0.03% F.S/30min	Ultimate Overload	200% F.S.
Temp. Sensitivity Drift	0.03% F.S. / 10℃	Cable Size	Ø5.2×3m
Zero Temp. Drift	0.03% F.S. / 10℃	Electrical Connection	Red/E+, Black/E-, Green/S+, White/S-
Input Resistance	750 ± 10 Ω	Material	Stainless Steel or Alloy Steel
Range	0-0.03,0.1,0.2,0.3,0.5,1-5,Nm	Input Resistance	700 ± 5 Ω

Product Dimensions

