

MLC5130 Micro Flange-Type Static Torque Sensor

Model: MLC5130

Category: Torque Sensor

Range: 0~0.1, 0..2,0.5,,1,2,3,5,10Nm

Material: Alloy Steel

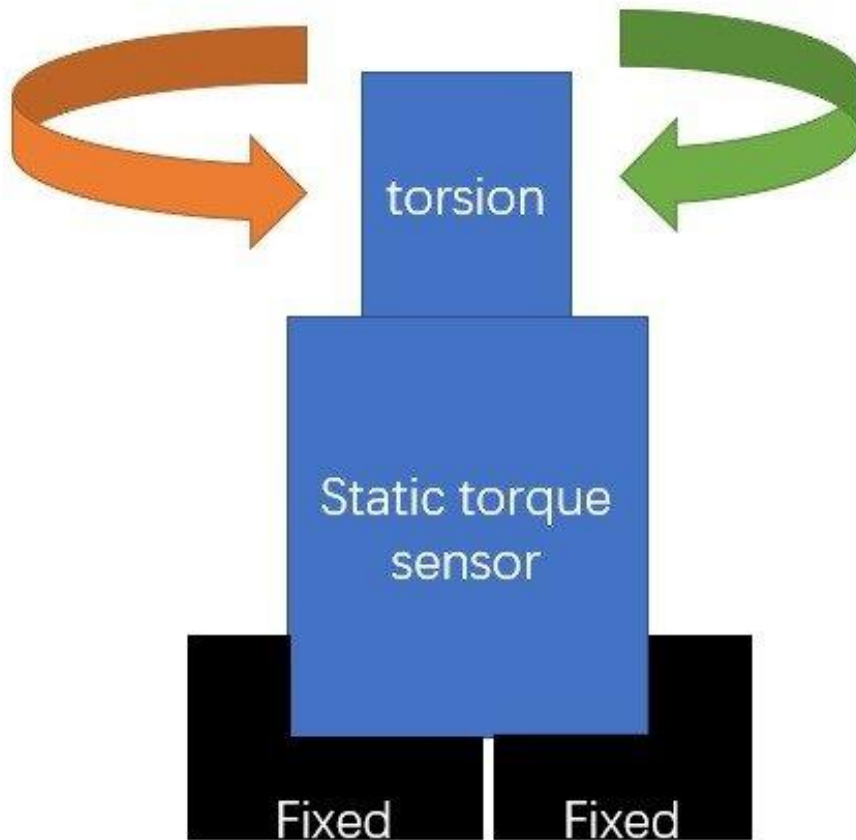
Application: Dual-Range Static Torque Measurement

Keywords: Micro Flange-Type Static Torque Sensor

Product Image



Force Structure



Specifications

Range	0~0.1, 0..2,0.5,,1,2,3,5,10Nm	Response Frequency	100 μ S
Sensitivity	1.5 ± 10% mV / V	Insulation Resistance	≥5000M Ω / 100VDC
Zero Output	± 1% F.S.	Excitation Voltage	10VDC(9-15VDC)
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	350,750 ± 10 Ω	Material	Aluminum, Stainless Steel or Alloy Steel
Input Resistance	350,700 ± 5 Ω	Other Requirements	Customizable

Product Dimensions

MLC5130

