

MLC512 Motor Shaft-Type Static Torque Sensor

Model: MLC512

Category: Torque Sensor

Range: 0~0.1, 0.2,0.5,1,2,3Nm

Size: D32*85mm

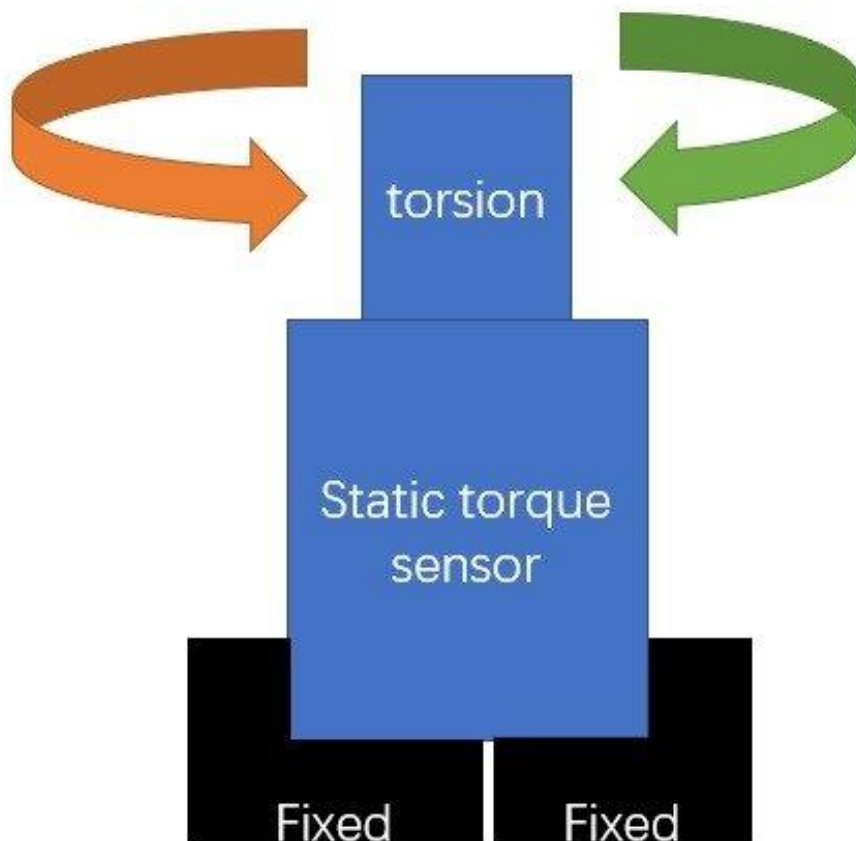
Material: Alloy Steel

Application: Static Torque Sensor for lab, test dept., production monitoring & QC in process industries

Product Image



Force Structure

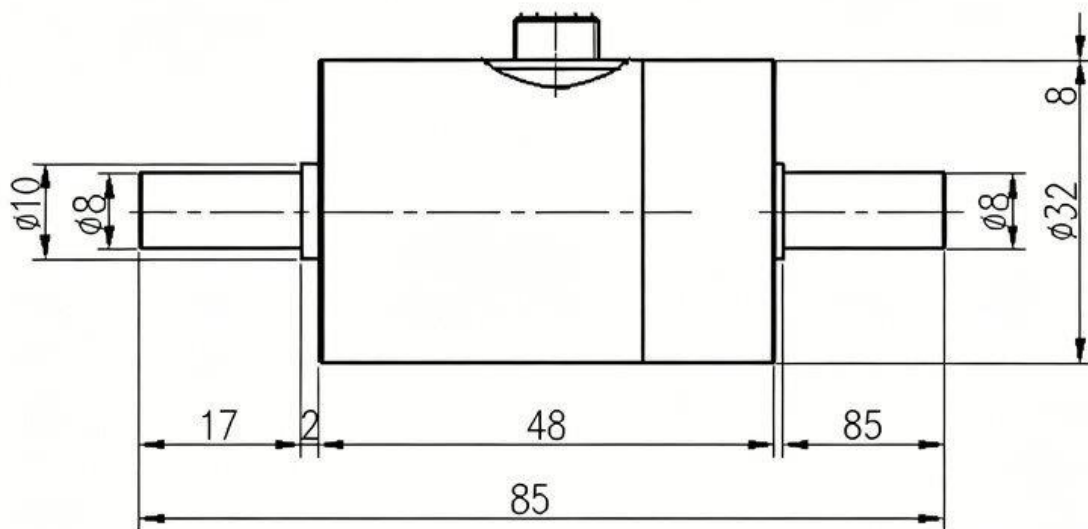


Specifications

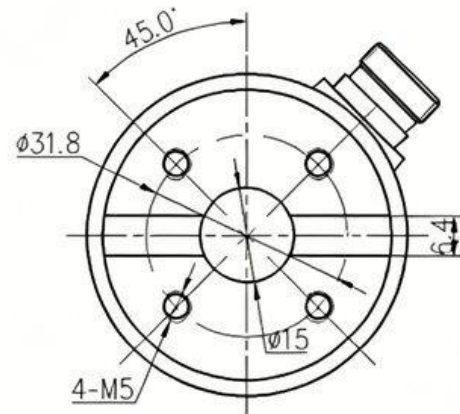
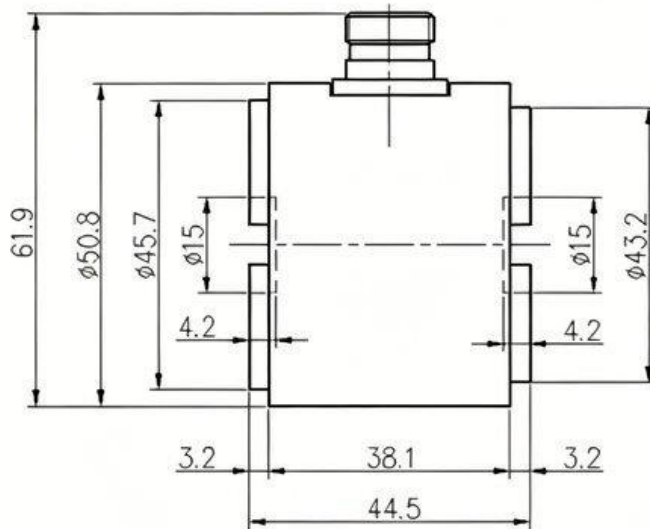
Range	0~0.1, 0.2,0.5,1,2,3Nm	Response Frequency	100 μ S
Sensitivity	1±10% mV / V	Insulation Resistance	≥5000M Ω / 100VDC
Zero Output	±1% F.S.	Excitation Voltage	10VDC(9-15VDC)
Nonlinearity	±0.1, 0.3% F.S.	Temp. Compensation Range	-10 ~ 60℃
Hysteresis	≤±0.05% F.S.	Operating Temp. Range	-20 ~ 65℃
Repeatability	≤±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

MLC512



Product Dimensions



MLC5120