

Non-Contact Dynamic Torque Transducer User Manual



Technical characteristics

- ✓ **High precision, fast frequency response and long life**
- ✓ **Non-contact type, suitable for long-term high-speed rotation working conditions**
- ✓ **Both ends are keyed for easy installation and use**

Technical Parameters

Measuring range	0~5/10/20/30/50/100/200/500Nm
Torque accuracy	±0.5%F•S、 ±0.25%F•S、 ±0.1%F•
frequency response	5 mS (default) 2ms (middle), 1ms (high), instructions at ordering)
nolinear	±0.1%FS
repetitiveness	±0.1%FS
return difference	±0.1%FS
Drift at zero	±0.2%FS
Zero temperature drift	±0.2%FS
use temperature	-20 ~ 50°C
storage temperature	-40 ~ 70°C
Supply voltage	9-32VDC
Torque signal output	5KHz-15KHz,0-20mA、 4-20mA、 0-5V、 0-10V、 1-5V、 0±5V、 0-±10V、 RS485、 RS232、 CAN
Speed signal	60 impulse ,4-20mA, 0-5/10V
range of speeds	0-100, 1000, 2000, 4000, 6000, 8000, 10000, 12000RPM
Material	Elastic shaft of 17-4 PH stainless steel
Case material	alufer

