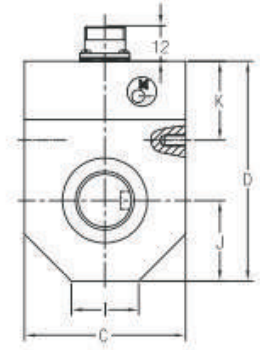
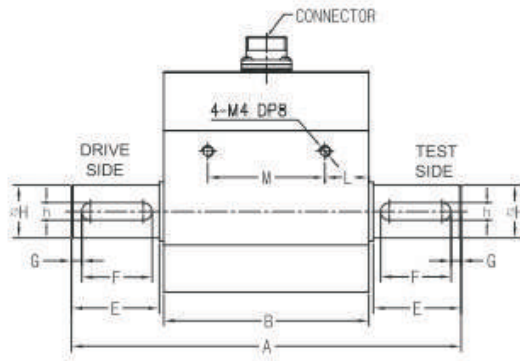
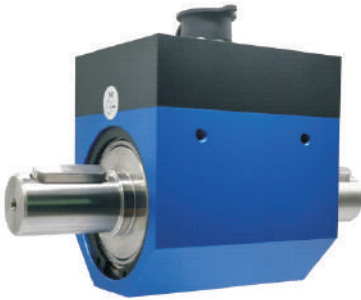


Dynamic Torque Sensor



GTS208



Range(N.m)	A	B	C	D	E	F	G	H	h	I	J	K	L	M
5, 10, 20, 30, 50, 100	133	70	55	75	30	24	3.5	18	6	23	27.5	27	15	40
200, 300, 500	144	70	65	85	35	30	3	28	8	29	32.5	28	12	46

FEATURES

- Non-contact dynamic torque, small size, no wear;
- Can measure torque value and rotational speed in both forward and reverse directions, Max speed $\leq 8000\text{RPM}$;
- Torque sensor optionally available with integrated OLED panel, display torque, speed and power;
- Both ends are optical shafts, the shaft material is 17-4PH stainless steel, and the shell material is aluminum alloy.

SPECIFICATION

Range	5, 10, 20, 30, 50, 100, 200, 300, 500(Nm)		
Accuracy	$\pm 0.2\% \text{F.S (standard)}$, $\pm 0.1\% \text{F.S (Optional)}$	Temp. Effect on Zero	$\pm 0.2\% \text{F.S/}10^{\circ}\text{C}$
Supply	12~24VDC	Temp. Effect on Output	$\pm 0.2\% \text{F.S/}10^{\circ}\text{C}$
Torque Output	10 $\pm$ 5KHZ(standard)	Compensated Temp.Range	-10~+60 $^{\circ}\text{C}$
	4~20mA, $\pm 5\text{V}$, $\pm 10\text{V}$, RS485, RS232(Optional)	Operating Temp. Range	-20~+75 $^{\circ}\text{C}$
Speed Output	Max speed $\leq 8000\text{RPM}$, 60 pulse (standard)	Electrical Connection	8pin
	4~20mA, 0~10V, RS485, RS232(Optional)	Safe Overload	200%
Supply current	<100mA	Cable, Length	5m

SPECIFICATION

8-Pin electrical connection (The output signal coexist with communication)				
Power plug	Pin5	Red	Power supply: Vin+	
	Pin6	Black	Power supply: Vin-	
Signal			Pluse/Current/Voltage	
	Pin3	Green	Torque	
	Pin4	Yellow	Speed	
	Pin1	White	Signal/(GND)	
	Pin2	Blue	None or null	
Communication			RS485	RS232
	Pin7	Brown	A	TxD
	Pin8	Orange	B	RxD
Signal-(Common) must use white GND,can't use power supply-;				
Vin- and Gnd and are not equal-level,there is a voltage difference.				