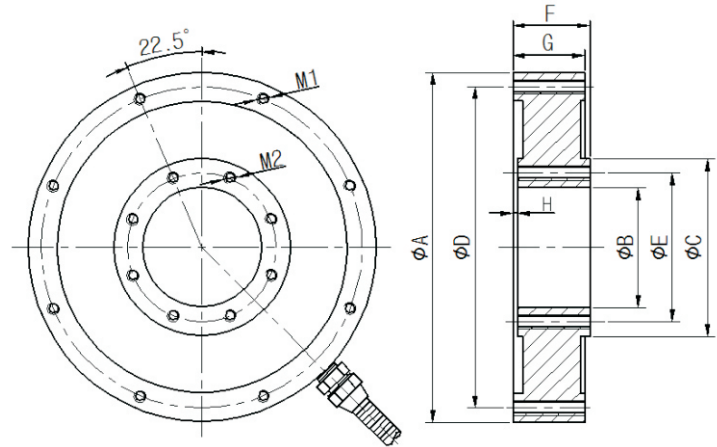


Static Torque Sensor



GTS312



Range	Size(mm)									
Nm	φA	φB	φC	φD	φE	F	G	H	M1	M2
50,100,200	146	50	74	134	62	32	30	2	8-M6	8-M6
300,500	196	80	110	178	95	42	40	2	8-M10	8-M8
1000	214	100	130	196	116	43	40	2	8-M10	8-M10

FEATURES

- Static torque sensor * mV signal output;
- The flange connection is easy to install and use;
- It is used to measure the torque value of static and discontinuous rotation in the middle and low ranges.

SPECIFICATION

Range	50,100,200,300,500,1000(Nm)		
Accuracy	$\pm 0.1\% \text{F.S.} \pm 0.2\% \text{F.S.}$	Compensated Temp.Range	-10~+60℃
Rated Output	1.5±0.1mV/V	Operating Temp.Range	-20~+75℃
Zero Output	±1.0%F.S	Safe Overload	150%F.S
Excitation,Recommended	5~10VDC	Ultimate Overload	200%F.S
Temp.Effect on Span	±0.03%F.S/10℃	Electrical Interface	4pin Circular Connector
Temp.Effect on Zero	±0.03%F.S/10℃	Cable	4-Wire Shielded Cable, φ5.0mm×3m
Input Resistance	350±10Ω or 700±10Ω	Material	Alloy steel
Output Resistance	350±10Ω or 700±10Ω	Ingress Protection	IP65
Insulation Resistance	≥2000MΩ/100VDC	Wiring Code	E+ : Red E- : Black
Response Frequency	100us		S+ : Green S- : White