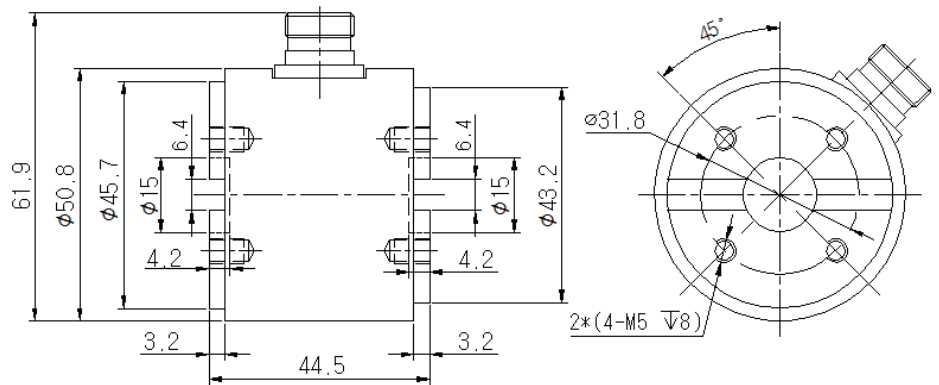


Static Torque Sensor



GTS310



FEATURES

- Static torque sensor , mV signal output;
- Both ends are keyway connection;
- It is used to measure the torque value of static and discontinuous rotation in the middle and low ranges.

SPECIFICATION

Range	30,50, 100, 150(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	$\pm 0.03\% \text{F.S./10}^\circ\text{C}$	Electrical Interface	4pin Circular Connector
Temp.Effect on Zero	$\pm 0.03\% \text{F.S./10}^\circ\text{C}$	Cable	4-Wire Shielded Cable, $\phi 5.0\text{mm} \times 3\text{m}$
Input Resistance	350±10Ω or 700±10Ω	Material	Alloy steel ,Aluminum Alloy
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