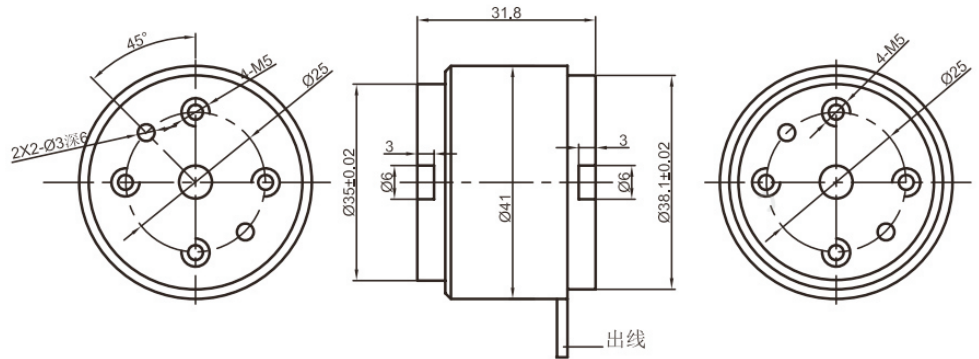


Static Torque Sensor



GTS304



FEATURES

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

SPECIFICATION

Range	0.1, 0.2, 0.5, 1, 2, 3, 5, 10, 20, 30, 50 (Nm)		
Accuracy	$\pm 0.1\% \text{ F.S.} \cdot \pm 0.3\% \text{ F.S.}$	Compensated Temp. Range	$-10 \sim +60^{\circ}\text{C}$
Rated Output	$1.5 \pm 0.1 \text{ mV/V}$	Operating Temp. Range	$-20 \sim +65^{\circ}\text{C}$
Zero Output	$\pm 2.0\% \text{ F.S.}$	Insulation Resistance	$\geq 5000 \text{ M}\Omega / 100 \text{ VDC}$
Non-Linearity	$\pm 0.1\% \cdot \pm 0.3\% \text{ F.S.}$	Safe Overload	150% F.S.
Creep	$\pm 0.03\% \text{ F.S.} / 30 \text{ min}$	Ultimate Overload	200% F.S.
Excitation, Recommended	5~10VDC	Cable	4-Wire Shielded Cable, $\Phi 3.0 \text{ mm} \times 3 \text{ m}$
Temp. Effect on Span	$\pm 0.03\% \text{ F.S.} / 10^{\circ}\text{C}$	Material	Alloy steel, Aluminum Alloy
Temp. Effect on Zero	$\pm 0.03\% \text{ F.S.} / 10^{\circ}\text{C}$	Ingress Protection	IP65
Input Resistance	$350 \pm 10 \Omega$ or $750 \pm 10 \Omega$	Wiring Code	E+ : Red E- : Black
Output Resistance	$350 \pm 10 \Omega$ or $750 \pm 5 \Omega$		S+ : Green S- : White