TORQUE SENSORS

Product Description

Resistance strain is an integrated product composed of sensitive components and integrated circuits

High precision, stable and reliable performance

There is no wear of the collector ring, etc., it can run at high speed for a long time, and output positive and negative torque signals.

Key connection at both ends.

Product highlights

Characteristics: high accuracy, reliable, rugged design with stainless steel housing, fast response time, lightweight housing, small size, customized housing. it can run at high speed for a long time, and output positive and negative torque signals.

Applications: automotive, mechanical engineering, apparatus engineering, aviation and aerospace, military, industrial applications,.

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Performance[1]	
Capacity	0.2,0.2,0.3,0.5,1,2,3,5,10,20 N.m 30,50,100,200,300,500 N.m
Sensitivity	1.0 ~ 1.5 mV / V
Zero Balance	± 1% F.S.
Non-linearity	0.2% F.S.
Hysteresis Error	0.2% F.S.
Repetition	0.1% F.S.
Temp. Effect on sensitivity	0.02% F.S. / 10 ℃
Input Resistance	350/700 ± 10 Ω
Output Resistance	350/700 ± 10 Ω
Insulation Resistance	≥5000 MΩ / 100VDC
Excitation Voltage	12 V (15 V MAX)
Compensation Range	-10 ~ 60 ℃