

Torque Measurement System



Introduction

- Reaction/Static Torque Sensors have been designed for measurement of Reaction or Static Torque and is particularly suited for Research, testing, Calibration, Torque feedback control and Over Torque protection.
- The Torque sensor provided with integral, robust MIL grade connector for quick & easy connection. It is constructed from electro less nickel plated tool steel for harsh industrial applications. It is compensated for axial and side loads for very good linearity and low hysteresis.

Technical Specification

- On Board 4 different Kind Temperatures Sensor (LM 35 ,RTD ,Themister ,Thermocouple-j type)
- On Board Buzzer For conditioning alarm
- Banana Socket for each sensor input Individually
- On board power Supply ,Testing Socket
- On board selective toggle switch for selection to switch from one sensor to other.
- On board signal condition for each type of above temperature sensor.
- On board LCD (16X2) display for measuring o/p temperature.
- Based On PIC microcontroller.

Experiments

- To study Fundamental for Different kind Temperature Sensor .
- To measure the voltage VS temp for Each Given Temp. Sensor



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