

Vehicle Sensors

90408 Series

DRIFT PULL SENSOR

This special steering torque and angle sensor is specifically designed to test drift pull on vehicles. Featuring integrated electronics that are powered by the USB connection, operators are able to use their laptop computer to acquire and process torque and angle.

The unit is easily clamped to the vehicles steering wheel, tared to establish vehicle ground, and allowed to run at a preset recording period. The torque and angle data is then stored and available for further analysis.

SPECIFICATIONS

Capacity 13lbs/58Newtons of moment force
(approx. 85in-lbs/9.5Nm of torque).
Overload capacity..... 150% of F.S.
Output at full scale load USB 1.0/2.0 compatible
Non-linearity..... 0.10% of F.S.
Hysteresis..... 0.10% of F.S.
Zero balance..... 1% of F.S.
Temperature effect on zero..... 0.002% of F.S./°F
Temperature effect on span..... 0.002% of Rdg./°F
Bridge resistance..... 350 Ohms
Angle Resolution05 degrees
Angle Range +/-20 degrees

OPTIONAL FEATURES

- Custom software
- Higher capacities

