

Vehicle Sensors

50006

SHIFT KNOB SENSOR

The shift knob sensor mounts either directly (replacing the gear shift knob) or indirectly with a shaft gripping adapter and allows real time measurement of the "X" and "Y" force components as experienced by the driver. Dynamic recording of the signals produced by the sensor allows the design engineer to immediately verify changes in linkage mechanisms which can improve the subjective feel of the automobile to the driver.

SPECIFICATIONS

Capacities.....	50, 100, 200 lbs.
Overload capacity.....	150% of F.S.
Output at full scale load.....	2.0 mV/V nominal
Non-linearity.....	0.25% of F.S.
Hysteresis.....	0.25% of F.S.
Zero balance.....	1% of F.S.
Compensated temperature.....	70 to 170°F
Useable temperature.....	-65 to +250°F
Temperature effect on zero.....	0.002% of F.S./°F
Temperature effect on span.....	0.002% of Rdg./°F
Bridge resistance.....	350 Ohms
Excitation voltage, maximum.....	20 Vdc
Adaptor.....	Ordered separately



Also available in a Column Lever Sensor

