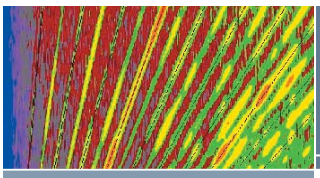
ROUSH®



ENGINEERING TEST TOOLS

Roush Industries provides engineering tools related to test, measurement and control. Through the use of software and modular electronic hardware components, we are able to provide fully functioning tools that have been customized for a specific engineering task. Roush provides many standard commercial software and hardware systems for noise and vibration applications such as brake NVH testing, vehicle dynamics data acquisition, vehicle dynamics data analysis, and sound intensity data acquisition and analysis.

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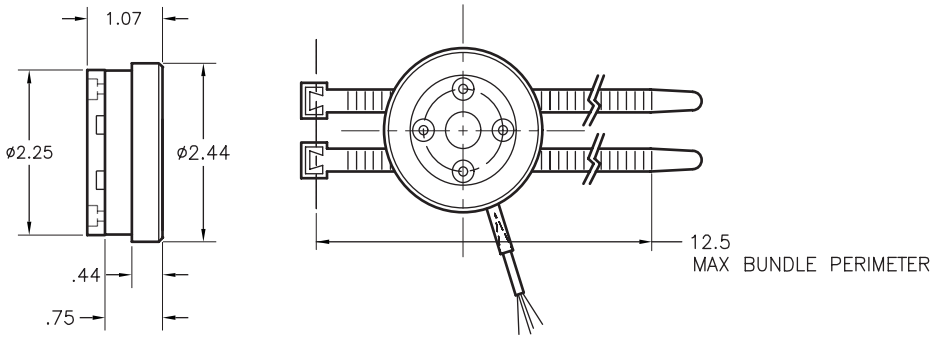
Brake Pedal Force Sensor

The Pedal Force sensor is used to evaluate the force requirements of new and existing brake systems. The transducer adapts to pedals in automobiles, trucks, buses, or material handling equipment. It mounts directly to the pedal with cable ties for easy installation. The standard sensor is 400 lbs. capacity.

Specifications

Overload capacity	150% of F.S.
Output at full scale load	2.0 mV/V nominal
Non-linearity	0.10% of F.S.
Hysteresis	0.10% 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	700 Ohms
Excitation voltage, maximum	20 Vdc



Roush. Your Silent Partner.