

| BRAKE PEDAL FORCE SENSOR

Sensata Micro Strain Gauge (MSG) brake pedal force sensor is a flexible sensing solution, which maximizes safety. This force sensor within pedal assembly captures driver braking intent and generates improved functional performance. It provides a significantly faster response time compared to an existing position and/or pressure sensors in the same application. By minimizing the time to lock, this sensor will reduce the braking distance.



Features

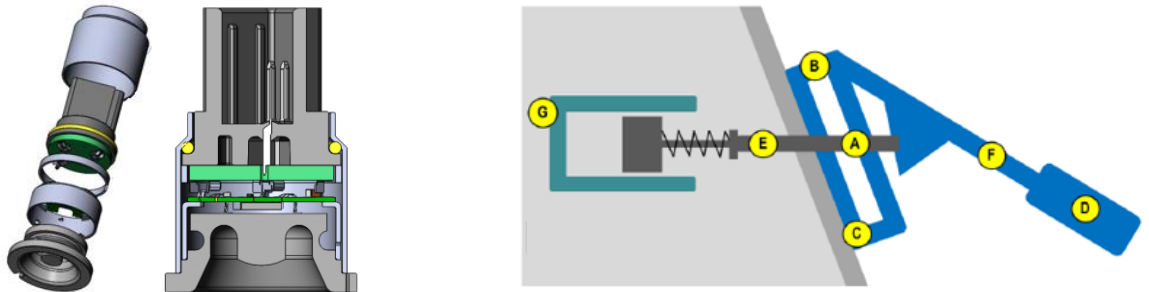
- Robust and proven piezoresistive Micro Strain Gauge technology
- 600N and scalable to other forces
- Max. operating temperature: 140°C
- Improved response time: >10ms
- ISO 26262: ASIL C
- Flexible integration option
- Output: Sent, Analog, Dual Analog

Benefits

- Compact design
- Reduce braking distance
- Detect stuck pedal
- Supports future dry brake architecture



DESIGN AND INTEGRATION OPTIONS



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