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