

Delphi Seat Belt Reminder

Delphi's seat belt reminder monitors seat occupancy status and communicates that information to the vehicle's restraint system to enable the seat belt reminder chime and/or light when the seat is occupied. Occupancy status can also be used to signal airbag suppression when a seat is determined to be empty.

A low-cost solution for passenger presence detection in vehicles, the switch assembly's peel and stick design attaches to the B-surface of the seat foam, helping to lower cost while enhancing seat comfort. The sensor can be used in both the front and back seats. The system meets New Car Assessment Program (NCAP) requirements, helping vehicle manufacturers to increase their vehicles' star rating.

Delphi's seat belt reminder is robust against adverse environmental nuisance conditions. It not only provides stable performance over a wide temperature range and in varying humidity, but does not report inanimate objects such as briefcases or backpacks. Designed for knee load and other seat abuse conditions, the sensor's durability helps provide stable performance throughout its life.

► The Delphi Advantage

- Lower cost and better performance than A-surface solutions
- Stable performance over a wide temperature and humidity range
- Short development cycle – existing design suitable for majority of applications
- Well established relationships with seat manufacturers worldwide
- More than 10 years of outstanding performance with B-surface technologies
- Engineering and manufacturing localized in region to meet customer needs



Typical dimensions of a Seat Belt Reminder sensor are 74 x 122 x 10 mm.