Active pedal module

Accelerator pedals are more than an interface between driver and vehicle. Beside the driver’s perception of ergonomic they support important functionalities for reducing fuel consumption, engine management and are also integrated into safety and comfort systems.

The active pedal communicates via haptic signals with the driver.

This kind of communication bypasses the in any case very stimulus-saturated optical and acoustic communication levels and reaches the driver directly, e.g. through vibration or knocking of the accelerator pedal.

Typical features:
• Support of distance warning systems, speed-related applications and other assistants.
• Deployment in combination with efficiency parameters

An uneconomic driving style can be linked both to an indication of increased fuel consumption as well as an indication to change the drive systems in hybrid or electric vehicles.

Communication via haptic signals
• Versatile haptic signals available
• Support of economical driving as well as comfort- an safety applications

General Note This Fast Fact does not give any information on product availability. The information given is just meant to describe the product and is not to be considered as guaranteed characteristics in the legal sense. All products are subject to design changes in the interest of further technical development.