Supporting the Development of Next-generation In-wheel Motors

 \sim Electric current sensor module \sim

次世代のインホイールモータ開発に貢献 ~電流センサモジュール~

Collaboration between e-Gle and Tokai Rika

e-Gle







Tokai Rika's current sensor and busbar technologies contribute to the development of the in-wheel motors.

Strengths of vehicles with e-Gle's in-wheel motors

Flexible packaging: As a motor is installed in each wheel, a vehicle interior can be freely designed, allowing a wide interior space with additional storage.

Energy-efficient: No reduction gears and no drive shafts mean less transfer loss and less power consumption.

Quick response: As each wheel is directly driven, the in-wheel motor produces sharp acceleration and braking performances than an electric motor centered in a car, offering more dynamic driving experience.

Torque vectoring: The in-wheel motor enables advanced torque vectoring, improving car movement stability and driving performance.

Tokai Rika customizes current sensors and busbars for the specifications of inverters or motors

Progress



 Magnet type
 Lineup

 Next-generation type
 Lineup