

SENSOR

- ▶ High strength, small size and low cost.
- ▶ Applied waterproof / heat-resistant material
- ▶ Digital(PSI5), Analog(Voltage) output

SENSOR

Part Name & Picture	Part No.	Descriptions & Specification
<p>SIS</p> 	EM450007	<ul style="list-style-type: none"> ● Airbag sensor (Accelerometer type) ● FIS : Front Impact Sensor / Mounted in front of the vehicle ● SIS : Side Impact Sensor / Mounted on the side of the vehicle(B-pillar, C-pillar) ● Applied PSI5 communication interface ● Applied Press-fit Terminal→Unnecessary soldering process
<p>FIS</p> 	EM450008	<ul style="list-style-type: none"> ● Installable in the engine room→ Waterproof and heat-resistant material ● High strength, small size and low cost / Simple structure and circuit constitution/ High-strength casing
<p>PSIS</p> 	EM450009	<ul style="list-style-type: none"> ● Airbag sensor [Pressure sensor type] ● PSIS : Pressure Side Impact Sensor. / Mounted in front door of the vehicle ● Applied PSI5 communication interface ● Applied Press-fit Terminal→Unnecessary soldering process ● Waterproof and heat-resistant material ● High strength, small size and low cost / Simple structure and circuit constitution/ High-strength casing ● Applied venturi type intake/ Increased sensor response
<p>CURRENT SENSOR</p> 	EM450003	<ul style="list-style-type: none"> ● Open loop transducer using the Hall effect sensor ● Application : Battery pack current monitoring, EV/HEV vehicles ● Mounted in battery pack, power relay box, junction box ● Non-contact (Isolated) mode sensing ● Unipolar+ 5VDC power supply ● Analog(Voltage) output : Fully ratio-metric ● Applied ultrasonic welding