

Water Temperature Sensor

Low cost and fast reaction by using transfer mold for the temperature sensing area

EV thermal management is necessary to control the temperature of various systems, including e-Axle, and is essential for sensors of cooling water temperature.



Feature

1

Fast reaction

2

High reliability and durability

3

Cost reduction by commoditized the temperature sensing area

Performance/Specification

Sensing system	NTC Chip Thermistor
Sensing target	LLC (Long Life Coolant)
Supply voltage	DC 5 V
Usage temperature	-40 to 90degC
Temperature property	Customize
Reaction performance	≤ 5 sec.(Stirred water)
<Standard Temperature Property>	$R_{25} = 10k\Omega \pm 1\%$
	B constant: $B(25/85) = 3,960K \pm 1\%$

