

Sensor for Drive motor

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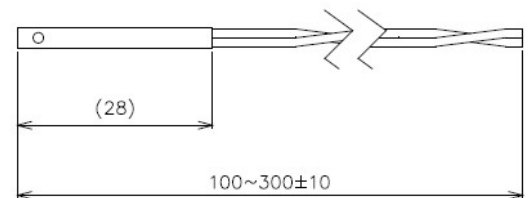
Feature

- ❑ High heat resistance, High oil resistance (ATF immersion) by sealed with Fluororesin
- ❑ Small and thin structure at the tip enable to be a High thermal conductivity
- ❑ Can be installed in a narrow space



Specification

Resistance value	$R_{100}=3.3k\Omega \pm 3\%$ (ex.)
B constant	$R_{0/100}=3970K \pm 2\%$ (ex.)
Operating temperature range	$-40^{\circ}\text{C} \sim 200^{\circ}\text{C}$
Thermal time constant	About 4 sec (in stirring water)
Withstand voltage	Less than 0.5mA (AC1250V 1 sec)



Wire length 100-300mm available

For more information, please contact to agent.

Reliability test

High temperature test	$200^{\circ}\text{C} \times 1000\text{h}$
Low temperature test	$-40^{\circ}\text{C} \times 1000\text{h}$
Thermal shock test	$-40^{\circ}\text{C} \leftrightarrow 150^{\circ}\text{C}$ 30 min each, 1000cycles
Oil resistance test	150°C (ATF immersion) $\times 1000\text{h}$

Application

Motor coil



Example of use : Round wire coil