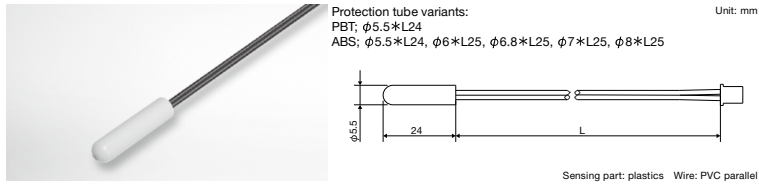


Equipped with a resin protection tube

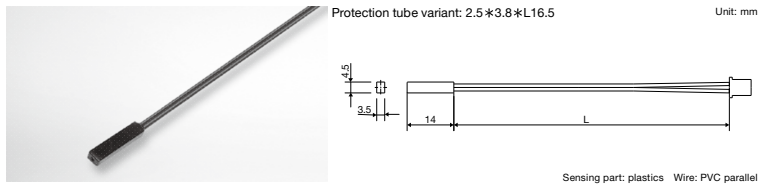
CE1



Specialized for refrigerators

Features	- Proven results in low temperature ambient measurements - Many variants of the ABS protection tube are available
Applications	Refrigerator chambers
Operating temperature	-30 to +80°C
Thermal time constant	$\tau \approx 20$ sec. (in stirred water)
Dissipation constant	$\delta \approx 2.5 \text{ mW}/^\circ\text{C}$
Withstand voltage	1200VAC for 1 sec.
Insulation resistance	Min. 100M Ω at 500VDC
Resistance	Optional
B constant	Optional

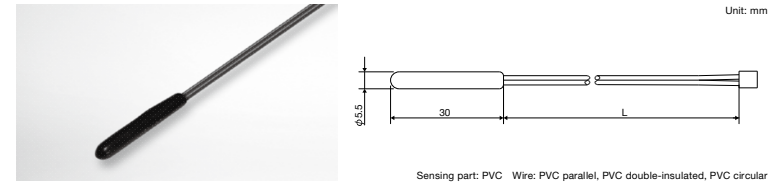
CE2



Mountable in a narrow space

Features	Equipped with a square resin protection tube, assuming the sensor to be mounted in a narrow space
Applications	Toilet seats, lithium-ion batteries
Operating temperature	-20 to +90°C
Thermal time constant	$\tau \approx 3.5$ sec. (in stirred water)
Dissipation constant	$\delta \approx 1.5 \text{ mW}/^\circ\text{C}$
Withstand voltage	600VAC for 1 sec.
Insulation resistance	Min. 100M Ω at 500VDC
Resistance	Optional
B constant	Optional

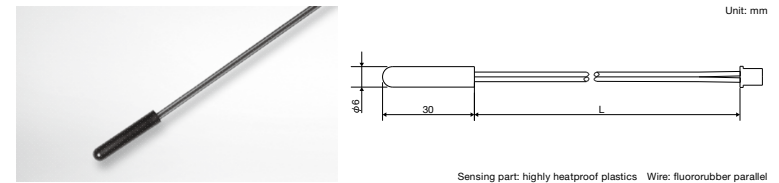
CC1



Applicable to long wire, available in small volumes

Features	A glass-encapsulated thermistor element is integrated with wires using a PVC cap
Applications	Refrigerators, washer dryers
Operating temperature	-30 to +80°C
Thermal time constant	$\tau \approx 13$ sec. (in stirred water)
Dissipation constant	$\delta \approx 2 \text{ mW}/^\circ\text{C}$
Withstand voltage	1200VAC for 1 sec.
Insulation resistance	Min. 100M Ω at 500VDC
Resistance	Optional
B constant	Optional

CC2



Applicable to high temperature environments

Features	A glass-encapsulated thermistor element is wire-to-wire spliced
Applications	Washer dryers
Operating temperature	-30 to +180°C
Thermal time constant	$\tau \approx 10$ sec. (in stirred water)
Dissipation constant	$\delta \approx 2.5 \text{ mW}/^\circ\text{C}$
Withstand voltage	1200VAC for 1 sec.
Insulation resistance	Min. 100M Ω at 500VDC
Resistance	Optional
B constant	Optional

Environment is compared to other Shibaura sensors equipped with a resin protection tube