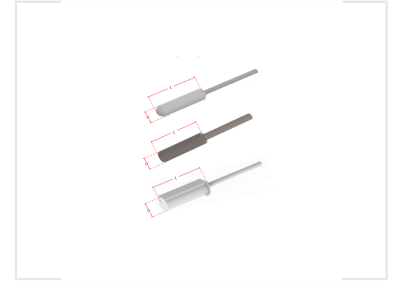
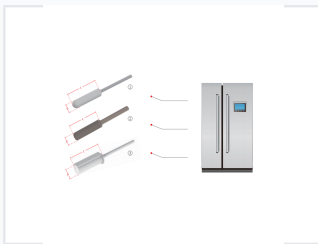


# Temperature Sensor for Refrigeration Equipment

This temperature sensor is designed for use in refrigeration equipment. It features excellent low-temperature performance and a low annual drift rate.



## ADDITIONAL IMAGES



## Product Overview

### Professional Refrigeration Temperature Sensors

These high-precision temperature sensors are engineered specifically for demanding refrigeration environments, including refrigerators, freezers, and industrial cooling machinery. Designed for rapid response times of 15 to 30 seconds, they ensure optimal energy efficiency and precise temperature monitoring. The construction features excellent low-temperature performance and a low annual drift rate, guaranteeing long-term stability and reliability in diverse cold storage applications.

## Key Features

### Performance Metrics

**15 s**

Min Time Constant

**30 s**

Max Time Constant

### Performance Characteristics

Low Annual Drift, Excellent Low-Temp Performance, High Response Speed

## Technical Specifications

### 产品特点 FEATURES

- 低温性能优异  
Excellent low temperature performance
- 时间常数为15-30s  
Time Constant: 15-30s

- 年漂移率低  
Low annual drift rate

### 应用领域 APPLICATION

- 冰箱冷藏、冷冻、蒸发器温度  
The temperature of cold storage, freezer, evaporators for refrigerator

### 主要技术参数 TECHNICAL PARAMETERS

类别 Product Type	型号 Type	D (mm)	L (mm)	标称温度 Nominal Temp (°C)	标称电阻 Nominal Resistance (kΩ)	B 值 B Value	工作温度 Operating Temperature
1	WF5B602XX000	φ6.0	25	0	6	3298(0/25)	-40°C ~ +80°C
	WF5C602XX000	φ7.0	25	0	6	3416(0/25)	-40°C ~ +105°C
	WF5H502XX005	φ6-7	25	5	5.06	3839(5/25)	-50°C ~ +80°C
	WF5H602XX000	φ6-7	25	0	6.35	3830(0/25)	-50°C ~ +80°C
2	WF5H173XX-18	φ6-7	25	-18	16.9	3771(-18/25)	-50°C ~ +80°C
	WF5H193XX-20	φ6-7	25	-20	18.91	3770(-20/25)	-50°C ~ +80°C
	WF5I163XX000	φ8.0	30	0	6.33	3931(25/50)	-40°C ~ +80°C
3	WF5I323XX000	φ9.8-10.45	30-43.5	0	32.51	3977(25/85)	-40°C ~ +80°C

Detailed technical specification table for available sensor models.

## Sensor Model Specifications

Model	Nominal Temp (°C)	Nominal Resistance (kΩ)	B Value	Operating Range (°C)
WF5B602XX000	0	6	3298(0/25)	-40 to +80
WF5C602XX000	0	6	3416(0/25)	-40 to +105
WF5H502XX005	5	5.06	3839(5/25)	-50 to +80
WF5H602XX000	0	6.35	3830(0/25)	-50 to +80
WF5H173XX-18	-18	16.9	3771(-18/25)	-50 to +80
WF5H193XX-20	-20	18.91	3770(-20/25)	-50 to +80
WF5I163XX000	0	6.33	3931(25/50)	-40 to +80
WF5I323XX000	0	32.51	3977(25/85)	-40 to +80

## Applications

### Primary Applications

- Household Refrigerators
- Freezer units
- Evaporator temperature monitoring
- Industrial cold storage systems