

# Washing Machine/Dryer Temperature Sensor

This temperature sensor is designed for use in automatic washing machines and dryers. It features CTI testing at 250V and GWT testing at 650/750°C.



## ADDITIONAL IMAGES



## Product Overview

### High-Performance Appliance Temperature Sensing

This high-precision temperature sensor is specifically engineered for use in automatic washing machines and drying units. Designed to provide reliable feedback for optimal appliance operation, it accurately monitors water temperatures in drum washing machines and air duct temperatures in dryers. With durable construction and compatibility with standard RAST 2.5/5.0 connector systems, it ensures seamless integration and long-term performance in demanding appliance environments.

## Technical Standards

### Response Time

**10 s**

Min Time Constant

**30 s**

Max Time Constant

### Safety and Compliance

CTI 250V, GWT 650/750°C, Ball Pressure 125°C

### Connector System

RAST 2.5 / 5.0

## Technical Specifications

### 产品特点

#### FEATURES

- 耐压试验: 250V  
CTI testing: 250V
- 球压试验: 125 °C  
Ball pressure test: 125 °C
- GWT试验: 650/750 °C  
GWT testing: 650/750 °C
- 适配RAST2,5/5,0等标准连接器  
Suitable for RAST 2.5/5.0 connector system
- 绝缘电阻: 10~30s  
Time constant: 10~30s

### 应用领域

#### APPLICATION

- 温度洗衣机水温  
Water temperature of washing machine
- 洗烘一体机、干衣机烘干风道温度  
Drying air duct temperature measurement for washing-drying machine and dryer

### 主要技术参数

#### TECHNICAL PARAMETERS

类型 Type	型号 Part	D1 Diameter (mm)	D2 Diameter (mm)	标称电阻 Nominal Resistance (kΩ)	工作温度 Operating Temperature
F	WF31122XX060	14.5	10	R60°C=1.204K±2%, R25°C=4.815K±3.5%	-30~130°C
	WF31322XX060	12.4	10	R60°C=3.243K±2%, R25/100=170K±1.5%, R25°C=10K±0.5%	-30~130°C
F	WF31033XX025	12.4	10	R25/100=376K±1.5%, R25°C=50K±5%	-30~130°C
	WF31122XX060	12.4	10	R60°C=1.204K±2%, R25°C=4.815K±3.5%, R25/100=376K±1.5%	-30~130°C
A	WF31033XX025	/	/	R25°C=10K±0.5%, R60°C=1.244K±2%	-30~150°C
	WF31122XX060	/	/	R25°C=50K±5%	-30~150°C

Technical overview and specifications table for multiple sensor configurations.

## Sensor Model Specifications

P/N	Operating Temp (°C)	Nominal Resistance
WF31122XX060	-30~130	R60°C=1.204K@±2%
WF31322XX060	-30~130	R25°C=4.815K@±3.5%
WF31033XX025	-30~130	B25/100=376K±1.5%
WF71123XX060	-30~150	R25°C=50K@±5%

## Application

### Typical Applications

- Water temperature sensing for drum washing machines
- Drying air duct temperature measurement
- Washing-drying machine thermal monitoring