

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
- 耐压试验: 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
- 绝缘电阻为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	WF3122XX060	14.5	10	R60°C=1.204K±2%, R25°C=4.815K±3.5%	-30~130°C
	WF3132XX060	12.4	10	R60°C=3.243K±2%, R25/100=1.00K±1.5%, R25°C=10K±0.5%	-30~130°C
F	WF3103XX025	12.4	10	R25/45=377K±1.5%	-30~130°C
	WF3122XX060	12.4	10	R60°C=1.204K±2%, R25°C=4.815K±3.5%, R25/45=377K±1.5%	-30~130°C
A	WF3103XX025	/	/	R25°C=10K±0.5%, R60°C=1.244K±2%	-30~150°C
	WF3122XX060	/	/	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
WF3122XX060	-30~130	R60°C=1.204K±2%
WF3132XX060	-30~130	R25°C=4.815K±3.5%
WF3103XX025	-30~130	B25/100=3760K±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