

CWF Precision NTC Temperature Sensor

1. Application

Temperature measurement and control of household and automobile air-condition, refrigeratory, icebox, water heater, drinking through, radiator, dishwasher, disinfecter, washing machine, drying machine, middle-or-low-temperature drying box and constant temperature box .



R25(Ω): 0.1K~1000K

Use: Home air conditioning, car air conditioners, refrigerators, water heaters, etc.

2.Characteristics

Adopting new technique, steady product performance, capability of long time operating ;
 High precision of resistance and B value, good coherence, interchange capable;
 Fast response, high delicacy;
 Good quality of insulation and package, high capability of colliding and bending resistance and high reliability .

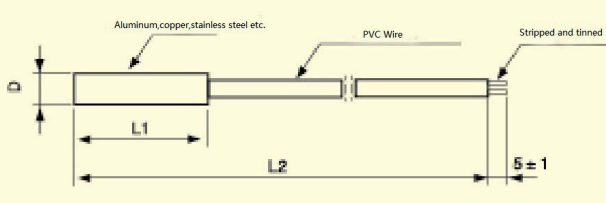
3.Popular products

CWF1 Packed with epoxy resin

Dimension(mm)	Code	S1	S2	S3	S4	Function	Main application
	Dmax	4	5	6	7	Moisture-proof, small time constant, fast response	Household air-conditioner, refrigerator.
	L1max	16	16	16	16		
	Cable	28#	26#	24#	22#		
	L2	To be advised					

CWF Precision NTC Temperature Sensor

CWF2 Packed with aluminum,copper,stainless steel etc.

Dimension(mm)	Code	S1	S2	S3	S4	S5	S6	S7	Function	Application
	Dmax	4	5	5	5	6	6	6	Moisture-proof, large coefficient, excellent stability	House hold air-conditioner refrigerator heater
	L1max	20	20	25	30	20	25	30		
	L2	According to customer's requirement								

CWF3 Packed with plastic

Dimension(mm)	Code	S1	S2	S3	S4	Function	Application
	D	3.5	4	5	6	Moisture-proof, Excellent coherence, voltage withstand	House hold, air-conditioner, refrigerator.
	L1	15	15	15	20		
	L2	To be advised by customer					
	D	4	8	8		Moisture-proof, Excellent coherence, voltage withstand	House hold, air-conditioner, refrigerator.
	L1	10	35	50			
	L2	To be advised by customer					

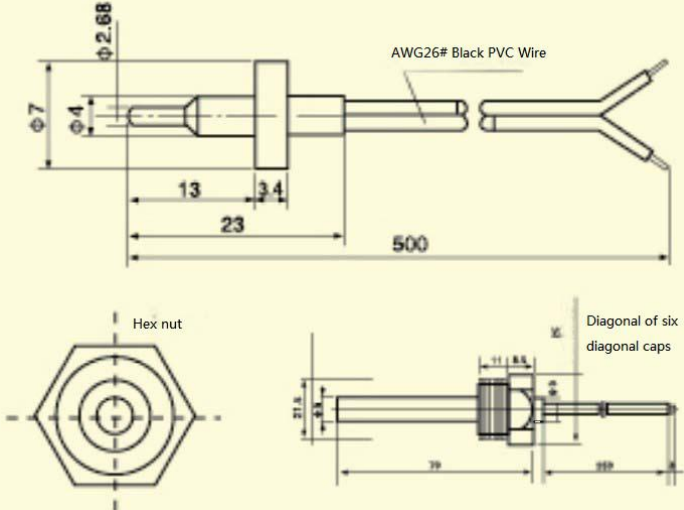
CWF Precision NTC Temperature Sensor

CWF4 Fixed sheet metal added

Dimension(mm)	Function	Application
<p>A: Metal fork, PVC Wire, 8.0, 3.5, 8±0.5, 2.8, 16±1, L, 5±1, To be advised by customer</p> <p>B: Metal ring, PVC Wire, 6.5max, 2.8, 5±1, 5.5max, 12±1, L, To be advised by customer</p> <p>C: 85, ø42, 21, L, 5±1, To be advised by customer</p> <p>D: ø45, 125, L, 5±1, To be advised by customer</p>	<p>It can be meet with different mount requirement because of agility dimension</p>	<p>Fan control, industry meter</p>

CWF Precision NTC Temperature Sensor

CWF5 Special packed shape

Dimension(mm)	Function	Application
	<p>Small time constant, fast response, stability.</p>	<p>Applied in high temperature environment, heater, coffee oven, etc.</p>

4. Main Technology Parameters

Part number	Rated resistance R25		B value (25/50)		Dissipation Coefficient. Mw/°C	Thermal time constant sec	Operating temperature °C
	Range KOhm	Tolerance %	(K)	Tolerance %			
CWF□□□3100	0.1~20	±1 ±2 ±3 ±5	3100	±1	≥2.2	≤70	-55~+125
CWF□□□3270	0.2~20		3270				
CWF□□□3380	0.5~50		3380				
CWF□□□3470	0.5~50		3470				
CWF□□□3600	1~100		3600				
CWF□□□3950	5~100		3950				
CWF□□□4000	5~100		4000				
CWF□□□4050	5~200		4050				
CWF□□□4150	10~250		4150				
CWF□□□4300	20~1000		4300				
CWF□□□4500	20~1000		4500				