

TEMP SENSOR
18W03

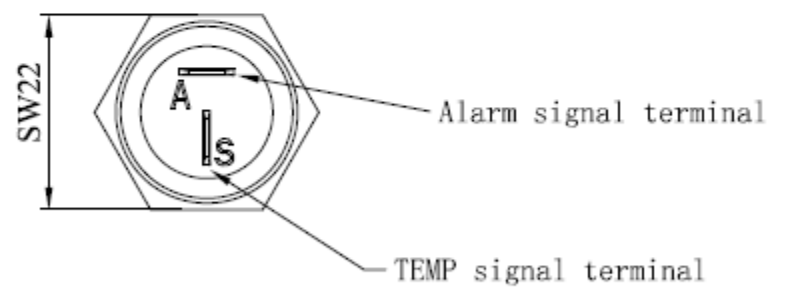
OSCULATI
98±3°C

Scale: 1.5/1

NOTES:
 1.NTC parameter see the below chart;
 2.Cutoff in the room TEMP, alarm TEMP is 98 °C±3 °C, reset TEMP is 95 °C±3 °C.

Resistance parameters for temperature sensor

Water temperature	Temperature °C	40	50	60	70	80
	Ohm	276.5~325.1	189.3~220	132~151.7	94.15~107.1	68.23~76.85
	Temperature °C	90	100	110	120	
	Ohm	50.27~56.11	37.62~41.58	28.33~31.6	21.6~24.29	



NTC Thermistor (for water)
 - Resistance at +25°C : 560.2ohm ±5%
 - Beta value : 3930 K ±1.5%

ISSUE	DATE	ZONE	REVISION HISTORY	DRAW

TOLERANCE CLASS	FROM 0.5 UP TO 3	OVER 3 UP TO 6	OVER 6 UP TO 30	OVER 30 UP TO 120	OVER 120 UP TO 400	OVER 400 UP TO 1000
ISO 2768M	±0.1	±0.1	±0.2	±0.3	±0.5	±0.8

MATERIAL:		COLOUR:	PROJECT: TEMP SENSOR	
ENGINEERED:			PART NAME: WATER TEMP SENSOR	
CHECKED:			DRAWING NO:	ISSUE: 01
APPROVED:			CUSTOMER NO:	
PROJECTION		SCALE: 1:1	SIZE: A4	UNIT: mm
			SHEET NO: 1 OF 1	