

# Thermostats / Boxes for Thermostats / Protection Tubes

### Thermostats

#### THRM

**Material:**  
 Capillary Tube / Heat Sensitive Portion: 316 Stainless Steel  
 Bushing, Nipple: BS + Nickel Plating  
 Maximum Temperature around Body: 120°C

**RoHS10**

When the temperature is below the set temperature, 1 and 2 are connected and the sensor turns "ON".  
 When the temperature is above, 1 and 4 are connected and the sensor turns "OFF".

Part Number	d	L	L <sub>1</sub>	Measurement Temp. Range	ON-OFF Temp. Difference	Sensor Min. Temp.	Sensor Max. Temp.
THRM							
L	6	78	113	30~110°C	3±1.5°C	-10°C	120°C
H	4	57	91	50~320°C	7±3.5°C		330°C

**Features**  
 Temperature control is performed by turning on and off the contact with the liquid, which has a high thermal expansion coefficient, sealed in the heat sensor section.

**Specification**  
 - Indicated temperature: OFF value (between terminals 1 and 2)  
 - Contact Capacity: 1-2      1-4  
   Resistive Load 16A      Resistive Load 8A  
   Inductive Load 2.6A      Inductive Load 0.6A  
   Voltage 250V              Voltage 250V

Minimum bending radius of capillary tube is 5 mm.  
 Please use a thermostat for overheat protection, not for temperature control.

### Boxes for Thermostats

#### THRMB

**Material:** Low Carbon Steel  
**Surface Treatment:** Zinc Plating (Trivalent Chromate)

**RoHS10**

### Protection Tubes

#### THRMP

**Material:** 304 Stainless Steel

**RoHS10**

#### Boxes for Thermostats

Part Number	Type	No.
THRMB		1

#### Protection Tubes

Part Number	Type	No.	D	d	L	Applicable Thermostats
THRMP	H	8	9.5	7.5	150	THRML
	L	8	8	6	120	THRMH

Please be careful of the combination of thermostat and No. L/H of protection tubes.

### Example of Installation

### Application Example

**Part Number Example**  
 THRML  
 THRMB1  
 THRMPH