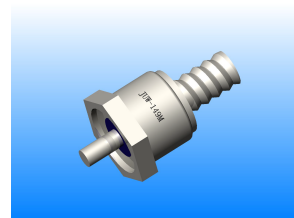


### THERMOSTAT

This product is a contact induction type thermostat. It is characterized by small size and lightweight, suitable for temperature controlling and overheats protection in equipments of aerospace and other field.



| Item | Description               |                | Specification   |               |               |
|------|---------------------------|----------------|-----------------|---------------|---------------|
|      |                           |                | I               | II            | III           |
| 1    | Environmental level       |                | I               | II            | III           |
| 2    | Ambient temperature range |                | -65°C to +125°C |               |               |
| 3    | Relative humidity         |                | +40°C up to 95% |               |               |
| 4    | Low atmospheric pressure  |                | 4.39 kPa        |               | 1.06 kPa      |
| 5    | Vibration                 | Frequency      | 10 to 500 Hz    | 10 to 2000 Hz | 10 to 2000 Hz |
|      |                           | Acceleration   | 10G             | 10G           | 15G           |
| 6    | Shock                     | Acceleration   | 30G             | 50G           | 75G           |
|      |                           | Pulse duration | 11 ms           | 11 ms         | 6 ms          |
| 7    | Acceleration              |                | 20G             | 50G           | 50G           |

# JUW-149M MICROMINICATURI AND HERMETICALLY SEALED THERMOSTAT

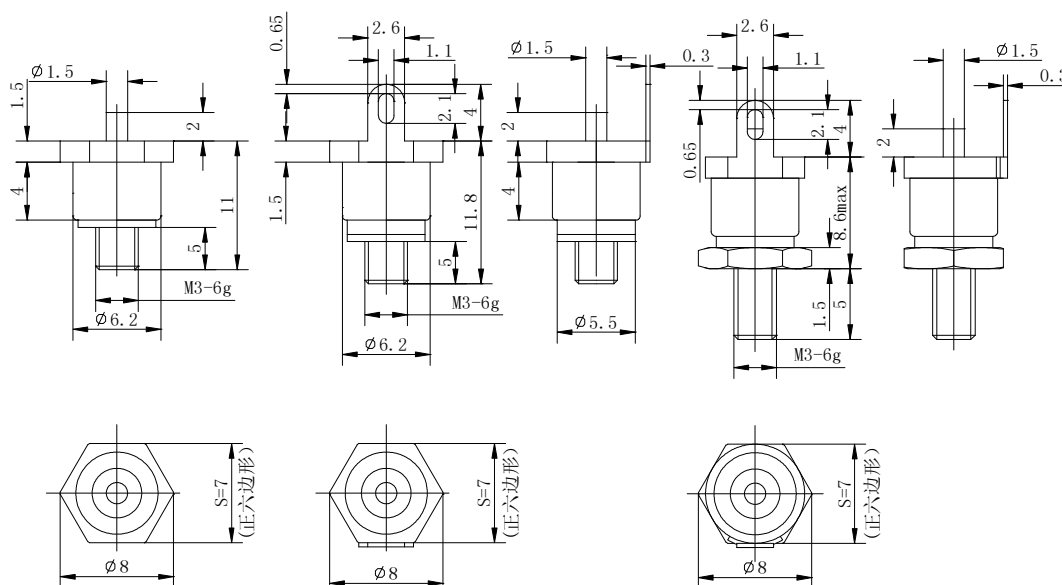
| Specifications                  |                                          |                       |                               |                              |
|---------------------------------|------------------------------------------|-----------------------|-------------------------------|------------------------------|
| Contact arrangement             |                                          |                       | 1form A, 1form B              |                              |
| Operating temperature range     |                                          |                       | +50°C to +150°C               |                              |
| Operating temperature tolerance |                                          |                       | See main technical data table |                              |
| Temperature restoration         |                                          |                       | See main technical data table |                              |
| Contact resistance              | Before life test                         | 50mΩ max              | Contact rating                | Resistive:<br>1A, 28VDC      |
|                                 | After life test                          | 100mΩ max             |                               |                              |
| Insulation resistance (MΩ)      | Under normal condition                   | 200MΩ min<br>(500VDC) |                               |                              |
|                                 | Under high temperature and high humidity | 5 MΩ min<br>(500VDC)  |                               |                              |
| Dielectric strength (50Hz)      | Under normal condition                   | 300 Vrms              | Electrical life expectancy    | 5×10 <sup>4</sup> operations |
|                                 | Under low atmospheric pressure           | 150 Vrms              | Weight                        | 3g max                       |

| Main technical data |                                         |                                 |                         |                                                |
|---------------------|-----------------------------------------|---------------------------------|-------------------------|------------------------------------------------|
| Part No.            | Normal Operating temperature range      | Operating temperature tolerance | Temperature restoration |                                                |
| +50°C to +100°C     | Any value within range +50°C to +100°C  | ±3°C, ±5°C                      | Upper limit             | Below corresponding operating temperature 5°C  |
|                     |                                         |                                 | Lower limit             | Below corresponding operating temperature 15°C |
| +101°C to +150°C    | Any value within range +101°C to +150°C | ±5°C, ±3°C                      | Upper limit             | Below corresponding operating temperature 5°C  |
|                     |                                         |                                 | Lower limit             | Below corresponding operating temperature 20°C |

# JUW-149M MICROMINICATURI AND HERMETICALLY SEALED

## THERMOSTAT

### Outline mounting dimensions



引出端型式：1（单引出端）

引出端型式：2（双引出端）

引出端型式：3（双引出端）

### Ordering information

JUW-149M / H 70±3-1-II

Environmental level

Terminal

Normal operating temperature and tolerance

Contact arrangement

Type

Beijing AC Vision Electronic Co.,Ltd.

[www.acvisioncn.com](http://www.acvisioncn.com)