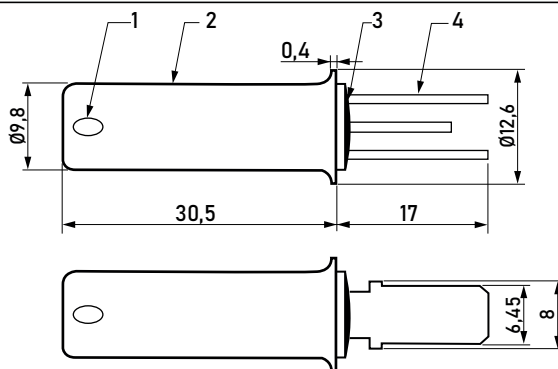




Unit: mm

|           |             |            |                 |               |
|-----------|-------------|------------|-----------------|---------------|
| 4         | Pins        | 2          | Cu/Sn 6,45*30   | Cu/Sn         |
| 3         | Epoxy       | 2          | Epoxy resin     | Black         |
| 2         | Shell       | 1          | SUS Ø9,8*30,5   |               |
| 1         | Component   | 1          | NTC Thermistor  |               |
| <b>No</b> | <b>Name</b> | <b>QTY</b> | <b>Material</b> | <b>Remark</b> |

## TECHNICAL SPECIFICATION

| Item                  | Test condition            | Performance         |
|-----------------------|---------------------------|---------------------|
| Rated resistance      | +25°C±0,05                | 12±4% kOhm          |
| B-Value               | 25±0,05°C / +50±0,05°C    | 3730±3%             |
| Time constant         | In the water              | ≤30 seconds         |
| Dissipation factor    | In still air              | Approx. 4,8 mW/°C   |
| Voltage withstanding  | AC1800V (Peak value)      | No destroy or spark |
| Insulation resistance | DC500V                    | ≥100 mOhm           |
| Max power             | Ambient Temperature +25°C | ≤100 mW             |
| Temperature Range     | /                         | -20 / +110°C        |

## RELIABILITY TEST

|                                                                                                                |
|----------------------------------------------------------------------------------------------------------------|
| 1. Intensity - Fix the probe, pull the lead by striped wire end with 5N force for 10±1 sec. No visible damage. |
| 2. High Temperature Store (in air) 110±3°C, 1000h ΔR25/R25 ≤±3%                                                |
| 3. Low Temperature Store (in air) -20±3°C, 1000h ΔR25/R25 ≤±3%                                                 |
| 4. Heat and Humidity Stability - 40±2°C 92%RH/98%RH, 240h ΔR25/R25 ≤±3%                                        |