

Model: WTYK - 11B Pressure Temperature Switches

The sensor is temperature package. It is suitable for cooling water or oil medium. The switching difference is no adjustable.

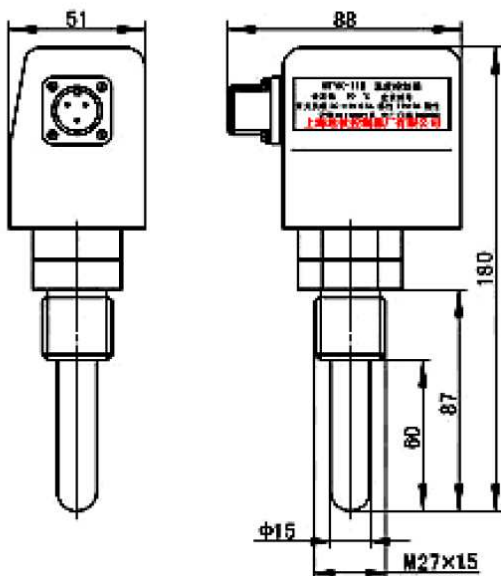


Characteristic data Temperature unit: °C

| No. | settings | Switching difference | Setting error °C | Repeatability error | Max. medium temperature |
|-----|----------|----------------------|------------------|---------------------|-------------------------|
| 1 | 20 | 1.5~4 | ±2 | 1 | 100°C |
| 2 | 40 | 1.5~4 | ±2 | 1 | 100°C |
| 3 | 45 | 1.5~4 | ±2 | 1 | 100°C |
| 4 | 60 | 1.5~4 | ±2 | 1 | 100°C |
| 5 | 65 | 1.5~4 | ±2 | 1 | 100°C |
| 6 | 70 | 1.5~4 | ±2 | 1 | 100°C |
| 7 | 78 | 4~7 | ±2 | 1 | 100°C |
| 8 | 85 | 1.5~4 | ±2 | 1 | 100°C |
| 9 | 90 | 1.5~4 | ±2 | 1 | 100°C |
| 10 | 95 | 2~5 | ±2 | 1 | 100°C |
| 11 | 110 | 2~5 | ±2 | 1 | 125°C |
| 12 | 120 | 2~5 | ±2 | 1 | 125°C |
| 13 | 125 | 2~5 | ±2 | 1 | 160°C |
| 14 | 150 | 2~5 | ±2 | 1 | 160°C |

Remark: The setting point is the upper range.

Dimensional drawing



Electrical Properties

| No. | Current resistive load | | DC inductive load | |
|------|------------------------|-----------|-------------------|-----------|
| | Voltage V | Current A | Voltage V | Current A |
| 1-6 | 27 | 15 | 110 | 0.5 |
| 7 | | 10 | | |
| 8-14 | | 15 | | |

Mounting

- The mounting position should be vertical and horizontal.
- Screwed Thread M27*1.5 into the charged Pipeline. Please note that the mounting position should be seal, and the temperature package must fully dip into the medium.
- Wire the Cable into the Random Accessories Three core plug according to the wiring diagram.

Note

Please don't open switch's cover and spin Internal screw.

Corrosive gases should not exist around.

What the Electrical Properties list is rating. When the DC voltage is 110V, On-off current value is as follows:

Inductive load(Time constant is 100ms) on/off current is all 0.5A.

Resistive load, on-current is 12.5A, off-current is 1A.

Durability of the product is 18 months Since the date of factory. During the durability, if the product has quality problems, we will repair or replace in time.

wiring diagram

