

---

# Temperature Switch Manual

T941

T942



---

01. WARNING .....	03
02. INSTALLATION .....	03
03. PRESSURE SWITCH WIRING DIAGRAM .....	03
04. ADJUSTMENT OF SET VALUES .....	04
05. MAINTENANCE .....	04

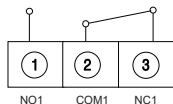
## 1. Warning

Disaster and damages can occur due to erroneous use of the Temperature Switch. Users must check how to use Temperature Switch properly.

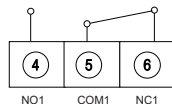
## 2. Installation

1. Installation of Thermowell is recommended for maintenance.
2. Use appropriate spanner and tools when installing the contact section screw of the Temperature Switch.
3. Upon completion of wiring works, make sure to put the case cover on prior to turning on the source of power supply.
4. At the time of setting of the temperature range of the Temperature Switch, the maximum operating temperature must not exceed 65% of the maximum temperature of the Temperature Switch.
5. Temperature Switch must be free from the following influences.
  - 1) Mechanical Impact: If there is possibility of mechanical impact at the location of installation, Temperature Switch must be installed at a location that is somewhat distanced from such mechanical impact.
  - 2) Vibration: If there is possibility of vibration at the location of installation, Temperature Switch must be installed at a location that is somewhat distanced from such vibration.

## 3. Pressure Switch Wiring Diagram

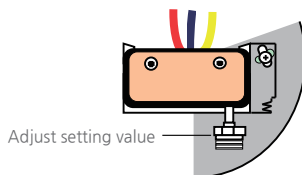


- ① Always Open (High)
- ② Common Terminal
- ③ Always Closed (Low)



- ④ Always Open (High)
- ⑤ Common Terminal
- ⑥ Always Closed (Low)

## 4. Adjustment of Set Values



- Lower Setting Value: Counterclockwise direction
- Raise Set Value: Clockwise direction

## 5. Maintenance

Overall safety of the facility relies on reliability of the temperature instruction of the Temperature Switch installed at the worksite. Therefore, in the event of discovery of any abnormal phenomenon, remove it immediately and execute test as needed. Verification of permissible tolerance of Temperature Switch must be maintained through regular testing. Verification and readjustment must be executed by using national standardized test equipment.

**WISE<sup>®</sup>** WISE Control Inc.  
[www.wisecontrol.com](http://www.wisecontrol.com)