OUTSIDE AIR TEMPERATURE TRANSMITTER

STTO

STTO225, STTO227

Application

"STTO" Outside Air temperature Transmitter is intended for detecting outside temperature, and it also can detect Solar heat radiation and outside temperature

- Use as compensating Transmitter : In case of outside air compensating temperature control system.
- Use as measuring Transmitter   : In case of optimistic function system.

Technical Data

MODEL	ELEMENT	RANGE	ACCURACY	WIRE	SUITABLE
STTO225	4~20mA	-30 ~ 70℃	±0.3℃ (at 20℃)	2wire	
STTO227	1~5VDC	-30 ~ 70℃	±0.3℃ (at 20℃)	2wire	

- SUPPLY VOLTAGE　　　　　　　: DC 15 ~ 30V
- SENSING TIME　　　　　　　　: Within 3 min (at 0.15m/sec velocity)
- AMBIENT TEMPERATURE　　　　: 1) On operation: -25 ~ +80℃(Probe:-35 ~ +80℃)
　　　　　　　　　　　　　　　　　2) On Storage: -10 ~ +65° C
- AMBIENT HUMIDITY　　　　　　: On Operation: below 95%Rh
- PROTECTION CLASS　　　　　　: IP 65 (EN60529)
- CABLE FITTING　　　　　　　　: PF 1/2"
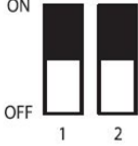- HOUSING MATERIAL　　　　　　: PC
- WEIGHT　　　　　　　　　　　: 150g

Notes

- **Engineering :**
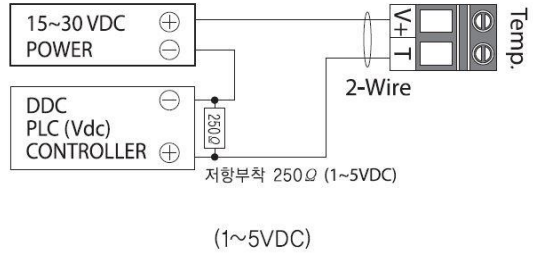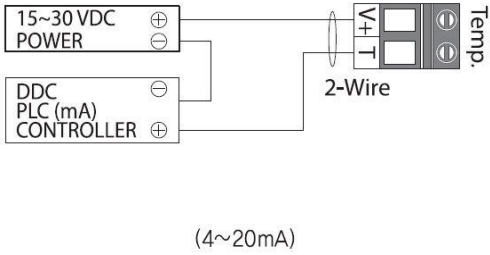① In case of control:
　▸ Preferably install on the wall of house or building and keep away from direct light.
② In case of optimistic;
　▸ Install always at the place of most coldest wall (normally northern side of wall) and keep away from
　　direct light.

Temperature Measuring Range Setting

* 1and 2 Dip switch adjustment

Temperature Range	0 ~ 50℃	0 ~ 70℃	-20 ~ 50℃	-30 ~ 70℃
Dip Switch				
Factory Setting				●

Wiring Diagram

(4~20mA)

(1~5VDC)

Shape Dimension