

DUCT TEMPERATURE TRANSMITTER



STTD

STTD225, STTD227

Application

"STTD" Duct Temperature Transmitter is intended for Heating, Ventilating, and Air-handling units as follows:

- Supplying or Ventilating air sensing
- Limit Sensor (limiting lowest supplying air temperature)
- Shift Sensor (Revision of inside temperature complying with outside temperature)
- Measuring Sensor (Display sensing point or DDC auto control system)

Technical Data

MODEL	ELEMENT	RANGE	ACCURACY	WIRE	SUITABLE
STTD225	4~20mA	0 ~ 70°C	±0.3°C (at 20°C)	2wire	
STTD227	1~5VDC	0 ~ 70°C	±0.3°C (at 20°C)	2wire	

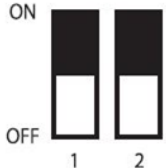
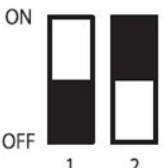
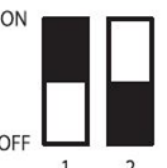

- SUPPLY VOLTAGE : DC 15 ~ 30V
- SENSING TIME : Approx 30sec (at 2m/sec velocity)
- AMBIENT TEMPERATURE : -10 ~ +80°C
- AMBIENT HUMIDITY : below 95%Rh
- CABLE FITTING : PF 1/2"
- PROTECTION CLASS : IP 65 (EN60529)
- HOUSING MATERIAL : PC
- WEIGHT : 160g (W/Bracket)

Mounting Guide

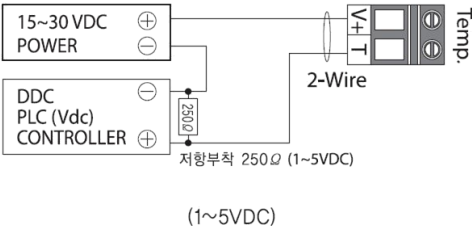
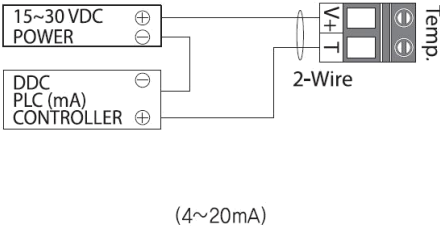
- In case of controlling supplying air temperature:
 - ▶ In case of installing fan at behind of the last air control unit, install behind fan.
 - ▶ For other cases, install at least 1.5 meter distance behind from the last air control unit.
- In case of controlling Ventilating air temperature ;
 - ▶ Install always at behind of fan.

Temperature Measuring Range Setting

* 1 and 2 Dip switch adjustment

Temperature Range	0 ~ 50°C	0 ~ 70°C	-20 ~ 50°C	-30 ~ 70°C
Dip Switch	ON  OFF 1 2	ON  OFF 1 2	ON  OFF 1 2	ON  OFF 1 2
Factory Setting		●		

Wiring Diagram



Shape Dimension

