AVERAGE TEMPERATURE TRANSMITTER

STTA

STTA225

Application

"STTA" average temperature sensor is intended for installing on ventilation and air-handling units will be used on following usages. Units contain either a high quality platinum or thermistor (NTC) sensing element suitable for use in the range -20 ~ +80℃.

• Sensing the duct temperature of supplying or ventilating air and mixed air average temperature.
• Measuring sensor (in case of displaying sensing point or using by connecting with control unit or converter)

Technical Data

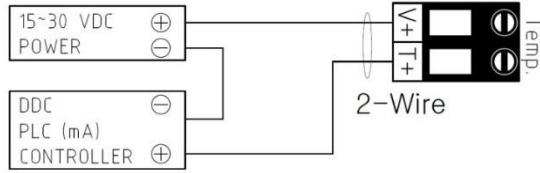| MODEL	ELEMENT	RANGE	ACCURACY	WIRE	LENGTH :mm
STTA225	4 - 20mA	-20 ~ 80℃	±0.3℃ (at 20℃)	2wire/ 1.0㎟	4,000

• TEMPERATURE SENSING ELEMENT   : 4ea installed inside(1ea/1m space)
• COMSUMPTION CURRENT   : 40mA typical
• SENSING TIME   : 1min. at 2m/sec Velocity
• AMBIENT TEMPERATURE   : -20 ~ +80℃
• AMBIENT HUMIDITY   : below 95% Rh
• CABLE FITTING   : PF 1/2"
• TEMPERATURE SENSING ELEMENT LENGHT   : Basic 4m(length can be optional for order made)
• HOUSING PROTECTION CLASS   : IP 65 (EN60529)
• HOUSING MATERIAL   : PC
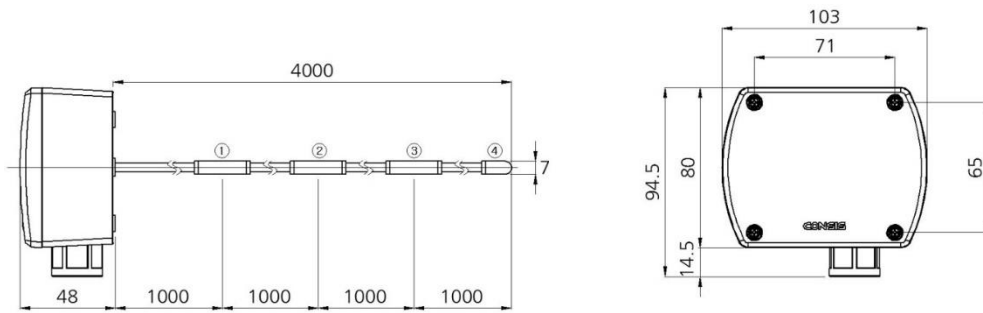• WITH BRACKET   : 3EA
• WEIGHT   : 350g

Mounting Guide

• In case of sensing inside temperature of duct
  ▶ In case of sensing the temperature by inserting into duct, attach the body to higher position of side wall, and sensor should be fixed with bracket or 3 screw-down terminal by zigzag method to avoid touching to duct wall by putting inside of duct through the hole.

Wiring Diagram

Shape Dimension

Installation Method