

Bulb type air temperature sensor

STB2



Features:

- -40..+300 °C temperature range
- NTC 10k sensing element
- Complete with 2m cable
- Industrial use
- Quick and easy installation

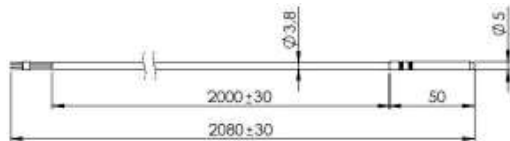
Bulb type air temperature sensor

STB2 sensor is intended for measuring the air temperature in various applications, such as return air in fan coil or air handling units. Sensor is NTC element based and provide resistance value dependent on the air temperature

Installation

Install the sensor as required in particular application. End tip of the sensor casing is the sensing part.

Dimensions



Technical data

Measuring element*	NTC 10k at 25°C Beta (25/100) 3492
Measuring range	-40..+300°C
Accuracy	±1%
Protection class	IP67
Cable*	2m, D=3.8mm
Connections*	End sleeves, 0.25mm ² /6mm

* Other options on request

Temperature-resistance values

Temperature, °C	Resistance, kΩ
-40	207.540
-35	156.660
-30	119.360
-25	91.742
-20	71.114
-15	55.573
-10	43.768
-5	34.731
0	27.760
5	22.344
10	18.105
15	14.765
20	12.116
25	10.000
30	8.300
35	6.925
40	5.808
45	4.893
50	4.141
55	3.520
60	3.003
65	2.572
70	2.210
75	1.906
80	1.649
85	1.430