

Duct mount air temperature sensor STD2



Features:

- -40..+300 °C temperature range
- NTC 10k sensing element
- Duct mount flange
- Complete with 5m cable
- Industrial use
- Quick and easy installation

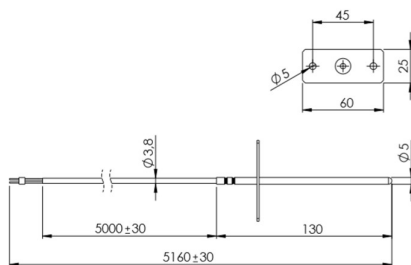
Duct mount air temperature sensor

STD2 sensor is intended for measuring the air temperatures inside ventilation duct. Sensor is NTC element based and provide resistance value dependent on the air temperature

Installation

Install the sensor into the duct by using the flange, fixing it on the duct wall by means of two screws.

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