

Duct mount air temperature sensor STD



Features:

- Duct mount flange
- -40..+85 °C temperature range
- NTC 10k sensing element
- Complete with 5m cable
- Industrial use
- Quick and easy installation

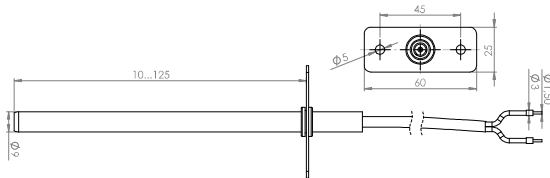
Duct mount air temperature sensor

STD 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 (25/85) 3435
Measuring range	-40..+85°C
Accuracy	±1%
Protection class	IP67
Dissipation factor	3.2 mW/°C
Cable*	5m, D=4.8mm
Connections*	End sleeves, 0.5mm ² /8mm

* Other options on request

Temperature-resistance values

Temperature, °C	Resistance, kΩ
-40	204.100
-35	154.250
-30	117.680
-25	90.580
-20	70.320
-15	55.030
-10	43.400
-5	34.480
0	27.600
5	22.240
10	18.043
15	14.732
20	12.102
25	10.000
30	8.309
35	6.941
40	5.827
45	4.916
50	4.165
55	3.544
60	3.028
65	2.596
70	2.234
75	1.929
80	1.671
85	1.451