



# TG-KH/NTC1.8

## Duct sensor with housing

Temperature sensor with NTC1.8 element for air temperature measurement in ventilation and air handling installations.

- Anti-tear M16 cable gland
- Screw cap
- 10 mm hole for probe

- Adjustable insertion length (60...205 mm) and good sealing
- Modern design and compact format

Tempero series temperature sensor with a modern design suiting all environments. The sensor is very easy to mount, has an adjustable insertion length and a flexible mounting bracket that closes tightly against ducts.

The sensor is compatible with TAC.

### Technical data

Temperature range	-30...+70°C
Compatible with	TAC
Sensor element	NTC 1.8, 1800 Ω/25°C
Time constant	16 s
Cable gland	M16
Insertion length	60...205 mm, adjustable
Diameter, probe	5 mm
Diameter, well	8 mm
Pressure rating	PN25
Protection class	IP65

Temperature (°C)	Resistance (Ω)
15	2649
10	3241
5	3989
0	4940
-5	6159
-10	7730
-15	9771
-20	12443
-25	15969
-30	20659

Temperature (°C)	Resistance (Ω)
70	403
65	468
60	545
55	638
50	750
45	885
40	1049
35	1250
30	1496
25	1800
20	2177

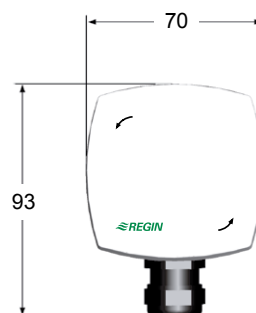
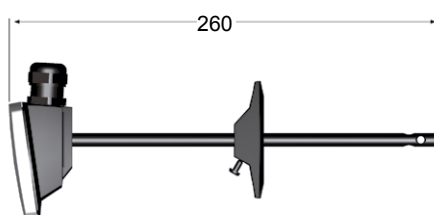
### Material

Housing	Polycarbonate
Probe	Stainless steel, standard: SIS 2343 acid-resistant

### Colour

Cover	Polar white RAL9010
Base	Dark grey RAL7043

### Dimensions (mm)



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