



TG-KH/NTC10-02

Duct sensor with housing

Temperature sensor with NTC10 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

Function

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 Carel, Evco, Eliwell and AB Industrietechnik.

Technical data

Temperature range	-30...+70°C
Compatible with	Carel, Evco, Eliwell, AB Industrietechnik
Sensor element	NTC 10k, 10 kΩ/25°C
Time constant	16 s
Cable gland	M16
Insertion length	60...205 mm, adjustable
Diameter, probe	5 mm
Protection class	IP65

Material

Housing	Polycarbonate
Probe	Stainless steel, standard: EN 1.4436, acid resistant

Colour

Cover	Polar white RAL9010
Base	Dark grey RAL7043

Temperature (°C)	Resistance (Ω)
15	14690
10	17960
5	22050
0	27280
-5	33900
-10	42470
-15	53410
-20	67770
-25	86430
-30	111300

Temperature (°C)	Resistance (Ω)
70	2228
65	2588
60	3020
55	3536
50	4160
45	4911
40	5827
35	6940
30	8313
25	10000
20	12080

Dimensions (mm)

