

TG-KH/NTC10-01

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 Aquatrol, Johnson Controls, Satchwell, Trend, Cylon and Honeywell.

Technical data

Temperature range	-30...+70°C
Compatible with	Aquatrol, Johnson Controls, Satchwell, Trend, Cylon, Honeywell
Sensor element	NTC 10k3A1, 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	15714
10	19903
5	25395
0	32651
-5	42317
-10	55304
-15	72911
-20	97006
-25	130306
-30	176803

Temperature (°C)	Resistance (Ω)
70	1752
65	2082
60	2467
55	2985
50	3601
45	4367
40	5325
35	6530
30	8056
25	10000
20	12493

Dimensions (mm)

