

TG-KH/NTC10-03

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 Andover, Delta Controls, Siebe and York.

Technical data

Temperature range	-30...+70°C
Compatible with	Andover, Delta Controls, Siebe, York
Sensor element	NTC 10k4A1, 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	15136
10	18787
5	23462
0	29490
-5	37316
-10	47549
-15	61031
-20	78930
-25	102889
-30	135233

Temperature (°C)	Resistance (Ω)
70	1990
65	2339
60	2760
55	3271
50	3893
45	4656
40	5594
35	6754
30	8196
25	10000
20	12268

Dimensions (mm)

