

TG-KH/NII 000-02

Duct sensor with housing



Temperature sensor with NII000 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 Sauter.

Technical data

Temperature range	-30...+70°C
Compatible with	Sauter
Sensor element	Ni1000, 1000 Ω/0°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	1084
10	1056
5	1028
0	1000
-5	973
-10	946
-15	919
-20	893
-25	867
-30	842

Temperature (°C)	Resistance (Ω)
70	1417
65	1385
60	1353
55	1322
50	1291
45	1260
40	1230
35	1200
30	1171
25	1141
20	1112

Dimensions (mm)

