



TG-KH/NI1000-02

Duct sensor with housing

Temperature sensor with NI1000 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 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
Diameter, well	8 mm
Pressure rating	PN25
Protection class	IP65

Temperature (°C)	Resistance (Ω)	Temperature (°C)	Resistance (Ω)
15	1084	70	1417
10	1056	65	1385
5	1028	60	1353
0	1000	55	1322
-5	973	50	1291
-10	946	45	1260
-15	919	40	1230
-20	893	35	1200
-25	867	30	1171
-30	842	25	1141
		20	1112

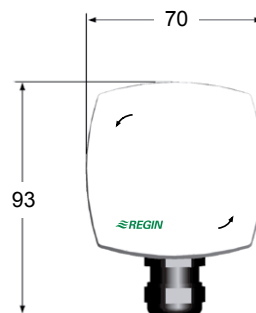
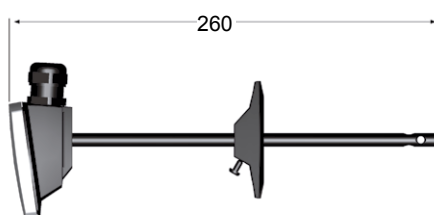
Material

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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