



TG-AH1/NI1000-02

Clamp-on sensor

Temperature sensor with Ni1000 element for surface temperature measurement.

- Easy to mount
- Delivered with stainless steel metal strap for easy fastening

- Large contact surface
- Modern design and compact format

Tempero series room sensor with a modern design suiting all environments.

Simple mounting

The sensor is delivered with a stainless steel metal strap and contact paste. The construction of the strap makes it easy to fix the sensor to the pipe.

High measurement accuracy

The sensor provides good readings due to its large contact surface.

Compatibility

The sensor is compatible with Sauter.

Technical data

Temperature range	-20...+120°C
Compatible with	Sauter
Sensor element	Ni1000, 1000 Ω/0°C
Time constant	5 s
Cable gland	M16
Protection class	IP42 (alt. IP40 depending on the mounting position)

Material

Housing	Polycarbonate
Sensor element	Copper
Strap	Stainless steel

Colour

Cover	Polar white RAL9010
Base	Dark grey RAL7043

Temperature (°C)	Resistance (Ω)	Temperature (°C)	Resistance (Ω)
35	1200	120	1760
30	1171	110	1688
25	1141	100	1618
20	1112	90	1549
15	1084	80	1483
10	1056	70	1417
5	1028	65	1385
0	1000	60	1353
-5	973	55	1322
-10	946	50	1291
-15	919	45	1260
-20	893	40	1230

Dimensions



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