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DATA SHEET

TEKY4

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CABLE TEMPERATURE SENSOR TEKY4 NI 1000

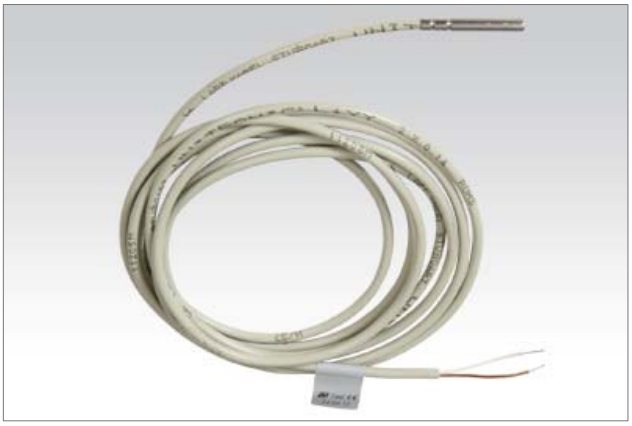
TEKY4 NI 1000 temperature sensor is designed for automatic HVAC systems.

Temperature is detected by a Ni 1000 element with a nominal resistance of 1000 Ω at 0 °C.

Sensor element is inserted in a sleeve of stainless steel. Rolled sleeve gives good protection against water and dust (IP67).

Sensor resistance at different temperatures:

°C	Ω	°C	Ω
120	**1760**	25	**1141**
100	**1618**	20	**1112**
90	**1549**	15	**1084**
80	**1483**	10	**1056**
75	**1450**	5	**1028**
70	**1417**	0	**1000**
65	**1385**	-5	**973**
60	**1353**	-10	**946**
55	**1322**	-15	**919**
50	**1291**	-20	**893**
45	**1260**	-25	**867**
40	**1230**	-30	**842**
35	**1200**	-40	**791**
30	**1171**	-50	**743**



Technical data:

sensor	1000 Ω Ni element
sleeve	∅ 4 mm x 30 mm, stainless steel
cable	∅ 3.2 mm x 2.3 m, PVC
range	-30…+80 °C
accuracy	±0.4 °C (at 0 °C)
cable gland	IP67

Ordering guide:

Model	Product number	Description
TEKY4 NI 1000	117C330	IP 67 sensor, 1000 Ω Ni element

Products fulfil the requirements of directive 2004/108/EC and are in accordance with the standards EN61000-6-2001: 6 (Emission) and EN61000-3-2001: 2 (Immunity).

Information is subject to change without prior notice.