

CABLE TEMPERATURE SENSOR TEKY4 NI 1000-LG

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

Temperature is detected by a Ni 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	1615	25	1114
100	1500	20	1091
90	1444	15	1068
80	1390	10	1045
75	1364	5	1022
70	1337	0	1000
65	1311	-5	978
60	1285	-10	956
55	1260	-15	935
50	1235	-20	914
45	1210	-25	893
40	1186	-30	872
35	1162	-40	831
30	1138	-50	791



Technical data:

sensor	1000 Ω Ni element
sleeve	\varnothing 4 mm x 30 mm, stainless steel
cable	\varnothing 3.2 mm x 2.3 m, PVC
range	-30...+80 °C
accuracy	\pm 0.5 °C (at 0 °C)
cable gland	IP67

Ordering guide:

Model	Product number	Description
TEKY4 NI 1000-LG	1178330	flying lead 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).