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DATA SHEET

TEIK

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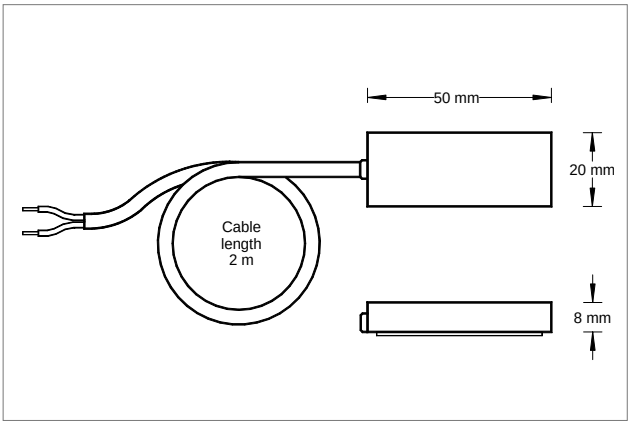
TEIK NI1000-LG WINDOW SURFACE TEMPERATURE SENSOR

TEIK NI1000-LG temperature sensor is made for automatic HVAC systems to detect window glass surface temperatures.

Information about the window surface temperature is needed when you want to add convenience by preventing the cold radiation and the feeling of draught created by an extensive window surface.

It is possible to control the electric power of the heating glass or air flows and heating powers of the air heating system by using that temperature information.

There, under the strippable coating, on the sensor body made of aluminium, is the adhesive paste for mounting the sensor on the window surface. Clean the window surface before fixing the sensor.



Technical data:

sensor	Ni 1000-LG
body	aluminium 50 x 20 x 8 mm
cable	2m, 2 x 0,14
range	-20...+60 °C
accuracy	± 0.5 °C at 0 °C
mounting	by adhesive paste

Temperature/Resistance:

°C	Ni1000LG/Ω	°C	Ni1000LG/Ω
120	1616,4	25	1114,0
100	1500,0	20	1090,7
90	1444,4	15	1067,6
80	1390,1	10	1044,8
75	1363,5	5	1022,3
70	1337,1	0	1000,0
65	1311,1	-5	978,0
60	1285,4	-10	956,2
55	1260,1	-15	934,7
50	1235,0	-20	913,5
45	1210,2	-25	892,5
40	1185,7	-30	871,7
35	1161,5	-40	830,8
30	1137,6	-50	790,9

Ordering guide :

Model	Product number	Description
TEIK NI1000-LG	1178220	window surface sensor 1000 ohm / 0 °C

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

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