

## OUTDOOR TEMPERATURE SENSOR TEU NI1000-LG

TEU NI1000-LG temperature sensor is designed for automatic HVAC systems to detect outdoor temperature.

Temperature is detected by a Ni1000-LG element, with a nominal resistance of 1000 ohm/0 °C.

Housing is made of weather-proof plastic.

The screw cover and the terminal blocks tilted to 45° make an easy installation.

Sensor is mounted on the wall by means of screws through the lugs on the bottom.



### Technical data:

Sensor	Ni1000-LG
Housing	plastic (< 120 °C)
Prot. class	IP 54, cable entry down
Cable entry	M16
Range	-50...50 °C
Accuracy	± 0.5 °C (at 0 °C)
Mounting	Ø 4.5mm screws hole distance 82 mm

### 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
TEU NI 1000-LG	1178090	outdoor temperature sensor 1000 ohm / 0 °C

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

### Produal Oy

Keltakalliontie 18  
48770 Kotka  
FINLAND  
[www.produal.fi](http://www.produal.fi)

Puh: +358-5-230 9200  
Fax: +358-5-230 9210  
[info@produal.fi](mailto:info@produal.fi)