

NTC 2,2 kΩ thermistor temperature sensor



APPLICATION

2.2 kΩ NTC temperature sensors produced at Geco are used for example for central heating installations as thermometer for GECO controllers.

Due to the scope of their operation they can be used to measure temperature in hot or cold water flow in central heating installations.

PROPERTIES

- Measuring sensor part is nickel plated
- The sensor cable can be form 0.5 to maximum of 20 meter long
- The ends of the sensor wires are made with insulated sleeves

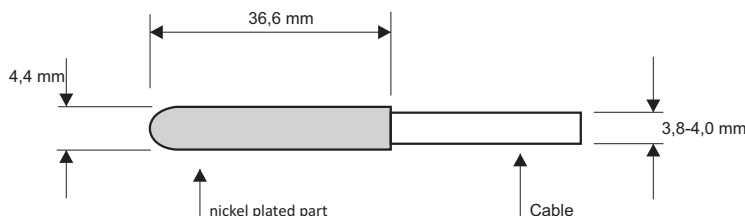
DANE TECHNICZNE

Type of temperature sensor	Thermistor NTC 2K2 3%
Cable type	YPMY 2x0,2mm white
Measured range of temperature	from - 40°C to +120°C
Ends of sensor wires	insulated sleeves TE1.5/8 or TE0.5/8

Resistance characteristic of the sensor (NTC) 2,2 kΩ

Temp. °C	Resistance Ω
-40	73061
-30	38544
-20	21199
-10	12110
0	7162
10	4372
20	2747
30	1773
40	1173
50	793,20
60	547,80
70	385,70
80	276,40
90	201,40
100	149,00
110	111,80
120	85,05

Dimensions of measuring sensor part:



LABELING METHOD

Signature set of NTC 2,2 k Ω temperature sensors :

CZT-B-OD-XM - detachable version of temperature sensor, white wire, ends of sensor wires made with insulated sleeves TE1.5/8

X - length of sensor cable measured in meters [m]

CZT-B-OD-XM-TE05 - detachable version of temperature sensor, white wire, ends of sensor wires made with insulated sleeves TE0.5/8

X - length of sensor cable measured in meters [m]