



THERMOCOAX HEATING ELEMENT

00-TM01-0G-E

29-05-18

Single core without cold ends: 1 Nc



Thermocoax heating elements can be used without isolation and be mounted directly on the heating object so that no heat barrier arises.

The thermocoax heating wires are protected against mechanical damage and oxidation or other corrosive influences by Inconel sheath materials.

A thermocoax heating element can be applied in a vacuum- or pressure vessel up to 2000 bars

Standard types

Inconel alloy 600	O.D. in mm	Line resistance in ohms at 20°C	Power Supply AC/DC	Max. Power
1Ncl 25/9.5m/2xRES.200SBM	2.5	18.81	42V	100W
1Ncl 25/3.5m/2xRES.150	2.5	6.93	42V	250W
1Ncl 20/6.1m/2xRES.150	2.0	18.91	42V	100W
1Ncl 20/3.5m/2xRES.200SBM	2.0	10.85	24V	60W

Tolerances

Line resistance: $\pm 8\%$ - variation from 0 up to 1000°C : $\sim 5\%$

Outer Diameter: $\pm 0.05\text{mm}$

Working temperature: 700°C