

INSULATION CLASS I

TUBULAR HEATING ELEMENTS WITH INTEGRATED REGULATION FOR IMMERSION HEATING

BACKER

Description

Heating element with insulation class I are used in product applications where earth connection is available. Normally they are produced with one-end-connection and options according to customer specification. If desired you also receive guiding to the optimal heating solution for your product application.

Technical specification

Material	AISI 321/EN 1.4541 Ø 6.4, 14 mm AISI 304/EN 1.4301 Ø 16 mm Steel DIN 2394
Dimension	Ø 6,4 14, 16 mm Element length 250-2100 mm Inactive length 35-135 mm, depending on the choice of thermo regulation
Fixing device	Nipple M18 x 1.5, G ½", G 1, Pr 18.6 Other dimensions on request
Connection	Cable, tab terminal or round pin, 1.5 or 1.6 mm Sealing "VO"-classified available
Design	One side connection
Power	300-2000 W
Voltage	Max 480 V. With options below max 230 V
Surface load	3-5 W/cm ²
Safety	The elements meet requirements acc. to EN 60335-1
Options	Electronic control box with quick connection Built-in thermostat 70-150°C Meltfuse Built-in thermistor (NTC) Pocket tube for thermostat PTC

Tubular Elements

BENEFITS

- Integrated temperature regulation
- Integrated thermal protector
- Quick connection

FIELDS OF APPLICATION

- Towel dryers
- Liquid-filled radiators
- Other liquid heating
- Heating systems for trolley busses



Tubular heating element 6,4 mm with quick connection and pocket tube for thermostat



Tubular heating element with quick connection



Quick connection to electronic control box



Examples of connections



Built-in thermostat and meltfuse (14-16 mm)



Towel dryer