



## CSN® FLANGE HEATERS

### TYPE SERIES 96 FF/...

CSN® Flanged immersion heaters are used in process engineering, cleaning technology, chemical industry, plastics industry, as well as in mechanical engineering and shipbuilding.

#### Application:

CSN® flange heaters are particularly suitable for heating water, caustic solutions, heat transfer liquids, heavy oil, asphalt, turbine oil and hydraulics oil.

#### Technical data:

Nominal output: up to 1000 kW

Number of circuits: to be agreed upon

Operating temperature:

Liquids: up to 520°C

Nominal width: DN 50 to DN 1000

Nominal pressure: PN 6 to PN 100

Installation length: up to max. 3500 mm

Rated voltage: up to 1100 Volt 3~

#### Construction

CSN® flanged immersion heaters basically consist of:

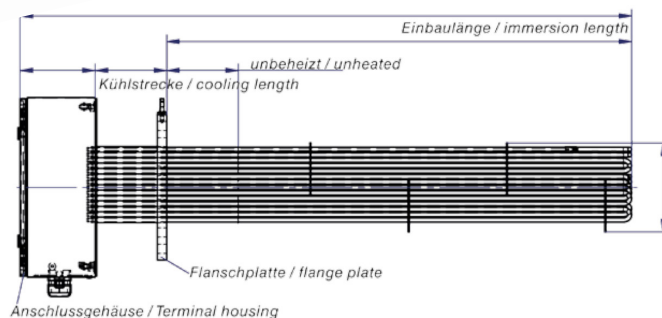
Highly compacted CSN® tubular heating elements in diameters 8,5; 11,5 and 16 mm, blind flange, spacer plates or baffles, terminal enclosure, thermostats, temperature probes, terminal clamps and cable glands.

#### CSN® tubular heating elements:

The highly compacted CSN® tubular heating elements are produced according to DIN 44874, 44875 or in conformity to it. The CSN® Giso sealing ensures a permanent high insulation resistance of the tubular elements.



material	tubular Heating element	Ø 8,5	Ø 11,5	Ø 16
Copper		x		
CuNi10Fe				x
AISI 304			x	
AISI 316L		x		
AISI 321		x		
AISI 316Ti		x	x	x
AISI 309		x	x	x
Incoloy 800		x	x	
Incoloy 825		x		



Equipment for installation in hazardous areas we produce in protection class „Ex d“, „Ex de“, „Ex e“.