

## EFH ELECTRIC FLANGE HEATING



### EFH Electric flange heating

Electrical heating element for large tank in flange version (DN 200, outer diameter 280 mm, pitch circle diameter 245 mm) and 135 mm unheated zone starting with the sealing area.

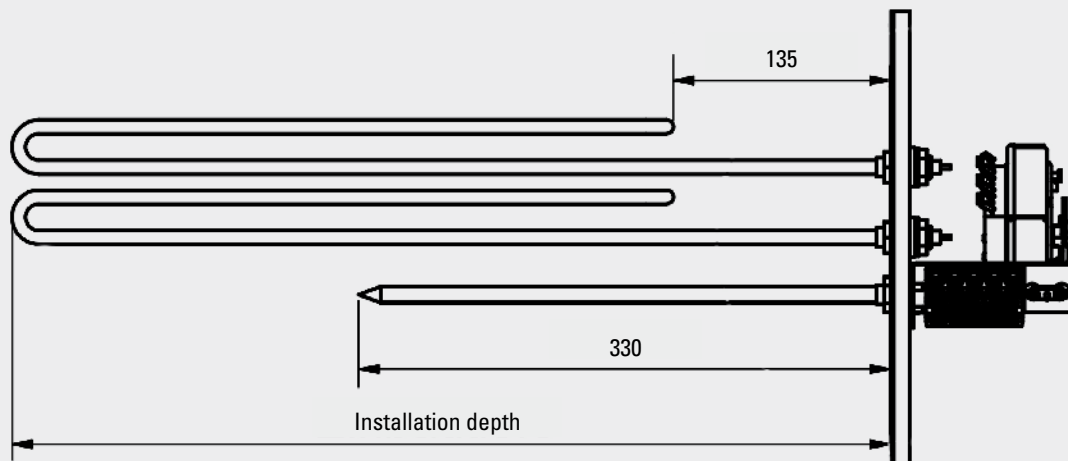
Heating elements made of high-corrosion-resistant chrome-nickel steel 2.4858 (AISI B424), suitable for up to 10 bar operating pressure.

The ambient temperature at the housing must not exceed 80°C. Protection class IP 44 Externally-located temperature control unit (approx. 30 to 75°C) with frost-protection function and integrated excess temperature protection (98°C-6K) incl. RESET function.

The electrical connection is by means of screw terminals. Connected voltage 400 V, 3/N/PE, 50/60 Hz (EFH 12) or 2 x 400 V, 3/N/PE, 50/60 Hz (EFH 18, EFH 30)

### Notes:

- According to the standards (DIN EN 60335, VDE 0700-73 and VDE 0700-253), scald protection (= domestic hot water mixing valve) is compulsory for installation of an electrical immersion heater with a temperature control range above 60 °C!
- A circuit breaker with 3 mm contact opening or a line safety switch must be provided in the electrical supply line to the electric screw-in heating element!



### Specifications

Type	EFH 12	EFH 18	EFH 30
Item no.	1610483	1610484	1610485
Power	12 kW	18 kW	30 kW
Voltage	400 V	400 V	4000 V
Installation depth	550 mm	550 mm	700 mm