

## Data Sheet

Heating/Tempering / Thermostats



### EH 4 basic Immersion thermostat

For temperature control of liquids up to 100 °C in open baths (depth at least 150 mm)

- Complies with all safety requirements for electrically operated devices
- Intended for supervised use
- For operation with non-flammable liquids only
- With universal clamp, suitable for all standard bath vessels

Accessories: EH 4.1 Bath vessel, EH 4.3 Bath vessel, EH 4.2 Bath vessel

#### Technical Data

Appliance type	immersion thermostat
Classification according to DIN 12876	I
Identification according to DIN 12876	NFL
Heat output [W]	1500
Working temperature min. [°C]	25
Working temperature max. [°C]	100
Temperature control	capillary tube regulator
Working temperature sensor	capillary tube regulator
Safety temperature sensor	capillary tube regulator
Working temperature display	scale
Safety temperature display	no
Temperature constancy DIN 12876 [±K]	0.12
Display for operation with ext. sensor	no
Warning function optical	yes
Warning function acoustic	no
Warning function excess temperature	yes
Warning function insufficient temperature	no
Adjustable safety circuit min. [°C]	25
Adjustable safety circuit max. [°C]	200
Sub-level protection	no
Bath volume max. [l]	18
Pump type	pressure pump
Pump capacity adjustable	no
Pump pressure max. (0 liters discharge flow) [bar]	0.08
Pump pressure max. (0 bar back pressure) [l/min]	5
Bath depth min. [mm]	160
Usable depth min. [mm]	75
Appliance fastener	extension arm + clamp
Range of universal clamp min. [mm]	2
Range of universal clamp max. [mm]	28
Extension arm diameter [mm]	13
Technical data complies with the standard	DIN 12876
Extension arm length [mm]	250
Permissible ON time [%]	100
Dimensions (W x H x D) [mm]	105 x 319 x 139
Weight [kg]	2.3
Permissible ambient temperature [°C]	5 - 40
Permissible relative moisture [%]	80
Protection class according to DIN EN 60529	IP 31
RS 232 interface	no
Analog output	no
Voltage [V]	230 / 115
Frequency [Hz]	50/60
Power input [W]	1500
<b>Ident. No.</b>	<b>3164000</b>



### CC3-308B vpc

Complete functions: With level protection and maximum and minimum setpoint for additional safety, external temperature sensor connection, external temperature control and temperature programmer (50 segments, may be split into 10 programs), interactive (contains a digital RS232/RS485 interface as well as a (4...20mA) analogue interface for bidirectional communication. Potential free alarm contact (Poko). Plug