

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
Ident. No.	3164001