

Immersion Thermostat with MPC-Controller. Powerful pressure and suction pump made of industrial plastic material. Moistened parts in stainless steel or plastics. With adjustable overtemperature protection according to DIN 12876.

MPC-Controller:

Modern and easy to use microprocessor controller with a large temperature display.

Limited to essential functions only:

- * Simple operation using only 3 keys
- * Large temperature display, actual temperature and set point
- * LED indicators for pump, cooling and heating
- * RS232/serial with the LAI commands G,v,L; (SpyLight compatible)

Technical data according to DIN 12876

| | |
|----------------------------------|-----------------|
| Operating temperature range | 25...200 °C |
| with water cooling | 20...200 °C |
| with refrigerator | -30...200 °C |
| Temperature stability at 70°C | 0,05 K |
| Temperature adjustment | digital |
| Temperature indication | digital |
| Internal temperature sensor | Pt100 |
| Safety classification | Class III / FL |
| Heating power | 1 kW |
| Pressure pump | |
| max. delivery | 14 l/min |
| max. delivery pressure | 0,25 bar |
| Suction pump | yes |
| max. delivery (suction) | 10,5 l/min |
| max. delivery pressure (suction) | 0,17 bar |
| Immersion depth | 150 mm |
| Overall dimensions WxDxH ** | 132x153x312 mm |
| Net weight | 3,4 kg |
| Power supply requirement | 100V 1~ 50/60Hz |
| Power input | 1,3 kW |
| max. current | 11,5 A |
| Fuse | 15 A |
| max. ambient temperature | 40 °C |
| min. ambient temperature | 5 °C |



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Technical details and dimensions are subject to change. No liability is accepted for errors or omissions. Illustrations can deviate from the original.

Accessories and periphery: , screw clamp #30541*, cooling coil #30554, dummy plugs, sleeve nuts thread M16x1, pump adaptor #19606, hose connector NW12 #6087, connection tubes, waterbaths in polycarbonat and stainless steel

* standard equipment

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Output data valid for: Room temperature 20° C

In accordance with EN60034-1 the following voltage and frequency tolerances are valid:

Voltage + / - 10%, as long as the frequency tolerance does not run in the opposite direction.

Example: -10% voltage and + 3% frequency -> not allowed !

-10% voltage and -3% frequency -> allowed.

Information to Electromagnetic compatibility:

Classification (disturbance) to EN55011: Class A, Group 1

Special Case: Acetone and Polyglycol: The plastic pump is not resistant against acetone and polyglycols (depending on the manufacturer). It is recommended that water is mixed with either glysantine or ethylene glycol for freeze protection. A more resistant plastic is available on request at an additional cost.

Standard delivery conditions - Power cable configuration:

1. Single-phase devices (230V/115V) -> with cable and plug
2. Three-phase devices with current consumption less than 63A -> with cable, without plug
3. Three-phase devices with current consumption greater than 63A -> without cable, without plug

** Please respect space requirements. See operating conditions at www.huber-online.com