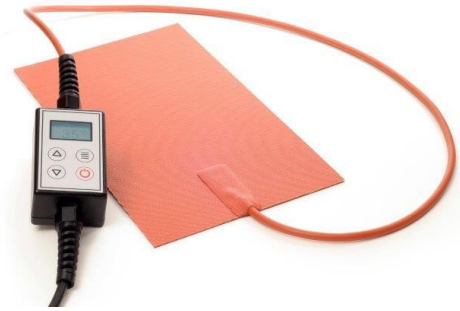


Digital Thermostat for Drum Heaters – Data Sheet

Area of Application

Our standard vessel heaters are supplied with a capillary thermostat. If you need more functions or a more accurate temperature display, we can install a digital thermostat instead..

This thermostat is suitable for the following drum and container heaters: HSSD / HISD + HISD_{pro} / HTSD / HSHP / IBC/B + IBC/B_{pro} or externally inline the connection cable.



Technical Data

Product Classification	Class 2 (no earth)
Dimensions	66 x 106 x 46 mm (W x H x D)
Supply Voltage	90 – 230V AC, 50-60 Hz
Electronics Supply Current	100 mA
Maximum Relay Current	16 A
Temperature Sensor	2, 3, or 4 wire PT 100
Temperature Control Range	Pre-programmed by us according to your needs (max. 0 – 220 °C)
Measurement Range	-18 – 350 °C
Temperature Adjustment	1 °C
Accuracy	+/- 0.5% or +/- 1 °C
Cycle lifetime	> 1,000,000 @ 16 A
IP rating	IP62
Approvals	EN61326-1:2013 / EN55011:2009, A1 / EN61000-3-2:2006, A1, A2 / EN61000-4-2:2009 / EN61000-4-3:2006, A1, A2 / EN61000-4-4:2012 / EN61000-4-5:2014 / EN61000-4-6:2014 / EN61000-4-11:2004

Specifications

- Permissible setting range can be adapted by us to your needs (max. temperature range: 0 - 220 °C).
- Large illuminated LCD display (35 x 20 mm).
- Tough thick wall ABS enclosure.
- Large membrane keypad suitable for use whilst wearing gloves.
- User configured Fahrenheit or Celsius display.
- Cycle timer with user selectable delayed start until the required temperature is reached.
- User adjustable hysteresis.
- User adjustable temperature offset.
- Fail safe on sensor open circuit.
- Relay contact protection circuitry.



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Download our contact details on your smart phone. Just scan the code with your QR-Reader-App.

