

# Small Controller / Regulator Series **JETmicro**

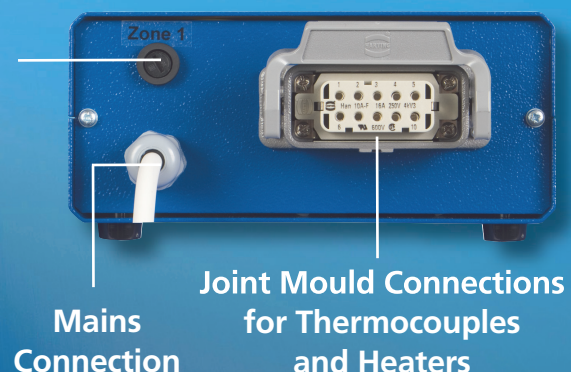
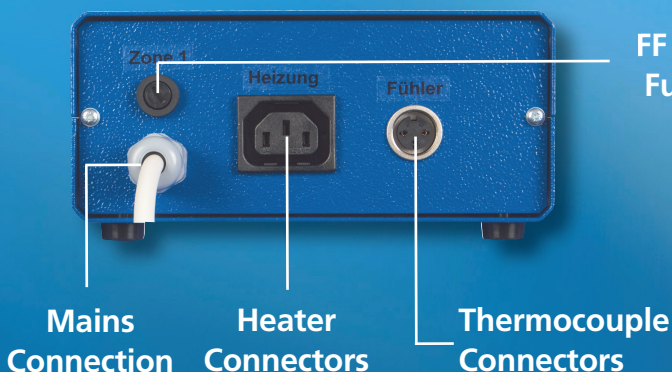


## General Functions

- Temperature Controllers for 1 & 2 Control Zones
- Microprocessor-controlled Units in Rack Design
- Max. 230V/10A per Output
- Individual Setpoint and Actual Value Display
- Automatic Control Line Adaptation
- Toggle Key for Automatic Control and Manual Percent Power Output Mode
- Extremely Simple Operation/Handling
- Available for All Common Thermocouple Types

With Separate Female Connectors for Thermocouples and Heaters (Male Connectors Included)

With 6 or 10 Pin Connector in Customer-specific Pin Assignment



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## Technical Specifications

<b>Housing:</b>	Aluminium, Gentian Blue, Colour Code RAL 5010 Dimensions (W x H x D) in mm: 170 x 70 x 210, Weight: 1,5 / 2.2 kg
<b>Temperature Controller:</b>	RS1 Microprocessor-controlled single-channel controller in 48x48 mm (1.89x1.89 in.) modular rack design, with fully automatic control line adaptation, individual setpoint and actual value seven-segment LED display, status alarm LEDs, and toggle key for switch-over to manual percent power output mode
<b>Thermocouple Inputs:</b>	Thermocouple Type: Fe/CuNi Type J (0...761°C or 32...1401°F) Ni/CrNi Type K (-200...1373°C or -328...2503°F) Resistance Thermometer: Pt 100 (0...800°C or 32...1472°F)
<b>Power Outputs:</b>	90 - 264 VAC, max. 10A per zone, with 50A solid-state relays and super-quick acting 6.3x32 mm (0.25x1.25 in.) FF 10A fuses
<b>Mould Connection:</b>	Acc. to customer specifications at no extra cost
<b>Mains Supply:</b>	90 - 264 VAC +10...-10%, 50...60 Hz, 1P / N / PE
<b>Mains Connection:</b>	Mains cable with 3 m (~9.8 ft.) shock-proof connector
<b>Ambient Temperature:</b>	Operation: 0...+55°C (+32...+131°F) Storage: -20...+80°C (-4...+176°F)

## Device executions

Types	Zone	Separate Thermocouple and Heater Connectors	6 or 10 Pin Joint Connector	Thermocouple Type
<b>JETmicro 1 - Pt</b>	1	Art.- Nr. 100-0000-01	Art.- Nr. 100-xxxx-01	Pt 100
<b>JETmicro 2 - Pt</b>	2	Art.- Nr. 100-0000-02	Art.- Nr. 100-xxxx-02	Pt 100
<b>JETmicro 1 - Fe</b>	1	Art.- Nr. 110-0000-01	Art.- Nr. 110-xxxx-01	Fe / CuNi Typ J
<b>JETmicro 2 - Fe</b>	2	Art.- Nr. 110-0000-02	Art.- Nr. 110-xxxx-02	Fe / CuNi Typ J
<b>JETmicro 1 - Ni</b>	1	Art.- Nr. 120-0000-01	Art.- Nr. 120-xxxx-01	Ni / CrNi Typ K
<b>JETmicro 1 - Ni</b>	2	Art.- Nr. 120-0000-02	Art.- Nr. 120-xxxx-02	Ni / CrNi Typ K

Other Configurations upon Request

xxxx: To be replace by customer-specific code upon receipt of order; applies to mould connections.



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