JETmicro
small, universal, intuitive

High process reliability guaranteed

The micro device JETmicro for 1 to 2 zones is barely the size of a shoe box and yet it is up there with the big ones in terms of quality: Thanks to continuous process monitoring, the temperature controller in a handy stack format ensures reliable processes in your plastics production. JETmicro is suitable for general heating applications as well as different types of sensors and stands out due to its particularly simple and intuitive operation. It goes without saying that the mould connections of the JETmicro are also manufactured to suit your standard. At no extra cost whatsoever. That's our service for you.

The main features in brief:

✓ Stackable micro controller
✓ For 1 to 2 zones
✓ 230 V/10 A per output
✓ Controlled by micro processors
✓ Automatic zone adjustment

Technical data

Sensor inputs:
Thermocouple:
Fe/CuNi Typ J-200...+1.200 °C / -328...2.192 °F
NiCr/Ni Typ K-200...+1.372 °C / -328...2.502 °F

Resistance thermometer:
Pt 100-200...+650 °C / -328...1.202 °F

Power outputs:
110-240VAC/max. 10A per zone, switching with solid-state relay 25A, protected by ultra-rapid safety fuses FF 10A, 6.3 x 32mm

Mould connection:
Customised at no extra cost

Power supply:
110 ... 240 VAC +10/-15 %, 48 ... 63Hz

Powersupply:
Mains cable with safety plug, 4 m

Housing:
Aluminium, colour RAL 5010 gentian blue;
Dimension: (w x h x d) 170 x 70 x 210 mm,
Weight: 1,5 / 2.2 kg

Ambient temperature:
Operation 0...+55°C,
Storage -40...+70°C

Climate stability:
rel. humidity < 90% annual average,
non-condensing

Protective system:
IP20

Protection class:
I

User interface

Single-channel controller "RS 2", controlled by microprocessor, with fully automatic controlled system adjustment, format 48 x 48mm in slide-in technique, separate set and actual value display with 7-segment LED displays, alarm display with status LEDs, switchable to manual mode

1. Actual value
2. Heating on
3. Set value / status display
4. Parameter level (without function)
5. Reduce set value or output level
6. Increase set value or output level
7. Switching controller/adjuster

Device rear view

Each device rear wall is configured to customer specifications and according to your individual company standards.

1. Ultra rapid fuse
2. Power supply
3. Mould connection
   – custom-made for you

Device models

Type	Zones	Item no.	Temperature sensor
JETmicro 1 - Pt	1	101-xxxx-01	Pt 100
JETmicro 2 - Pt	2	101-xxxx-02	Pt 100
JETmicro 1 - Fe	1	111-xxxx-01	Fe/CuNi Typ J (+/-)
JETmicro 2 - Fe	2	111-xxxx-02	Fe/CuNi Typ J (+/-)
JETmicro 1 - Ni	1	121-xxxx-01	NiCr/Ni Typ K (+/-)
JETmicro 2 - Ni	2	121-xxxx-02	NiCr/Ni Typ K (+/-)

Special Versions on request.
xxxx = will be replaced by a custom version number in the case of special equipment.
Subject to modifications.

WE'LL MANAGE THAT FOR YOU

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Do you have any questions about our products?

Our service advisors will be happy to help.

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