



The background image shows a close-up of a blue and silver Fiege VARIO hot runner controller. The device has a control panel with a digital display showing 'Kappe 1403' and various parameters. The Fiege logo and 'VARIO' are printed on the silver metal housing. The text 'Zone 4' is visible on the left side of the device.

# Your expert for hot runner controllers

Careful listening, professional advice, personal customer care - these have been at the core of Fiege electronic's success during the last 25 years.





From left to right: Alwin Büchner, Heiko Hördt, Chartered Engineer Roland Fiege



# Fiege electronic

## Your expert for hot runner controllers

### Totally in tune

There's our intuition for the needs of our customers on the one hand. And our intuitive temperature control precision in our hot runner control technology on the other. Both require professionalism, in-depth experience and the drive to always go the extra mile.

### Looking after you from the very first phone call

Fiege electronic stands for 25 years of in-depth know-how and consistent product development in the area of hot runner control technology. What makes us stand out from the competition? Our commitment, reliability and short response times to your enquiry. Because customer care is very personal to us. Our technical eye may always be firmly fixed on the future – but when it comes to customer care, we like to do things "old school": We don't believe in telephone loops and call center robots. You will always speak directly with a competent advisor who considers himself/herself some who "cares" rather than a "procrastinator". Because we are only satisfied when you are.

### Location with perspectives

In the heart of Germany, in the middle of Weinheim, one of the largest cities of the European metropolitan Rhine-Neckar region – from here,



Above: the team of Fiege electronic,  
Below: our location since 2019

we advise and serve our customers nationwide and all over the world. What started in 1995 as a dedicated engineering office is now a well-established company designing, manufacturing and distributing hot runner control equipment and service from a single source. After moving into larger premises in 2013, we are again

poised for growth: Since international demand for German workmanship remains high, we moved to business premises with even more capacity within the city of Weinheim at the end of 2019.

#### You can rely on our:

- substantial advisory competence
- fair partnership
- long-standing expertise
- innovative technologies
- high-level professionalism
- utmost reliability

#### Our Webseite:



# Hot runner controllers innovative, precise, flexible

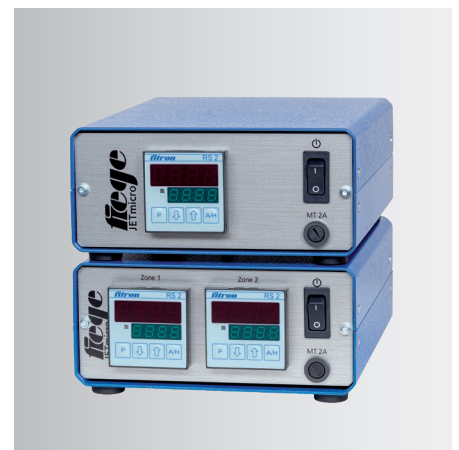
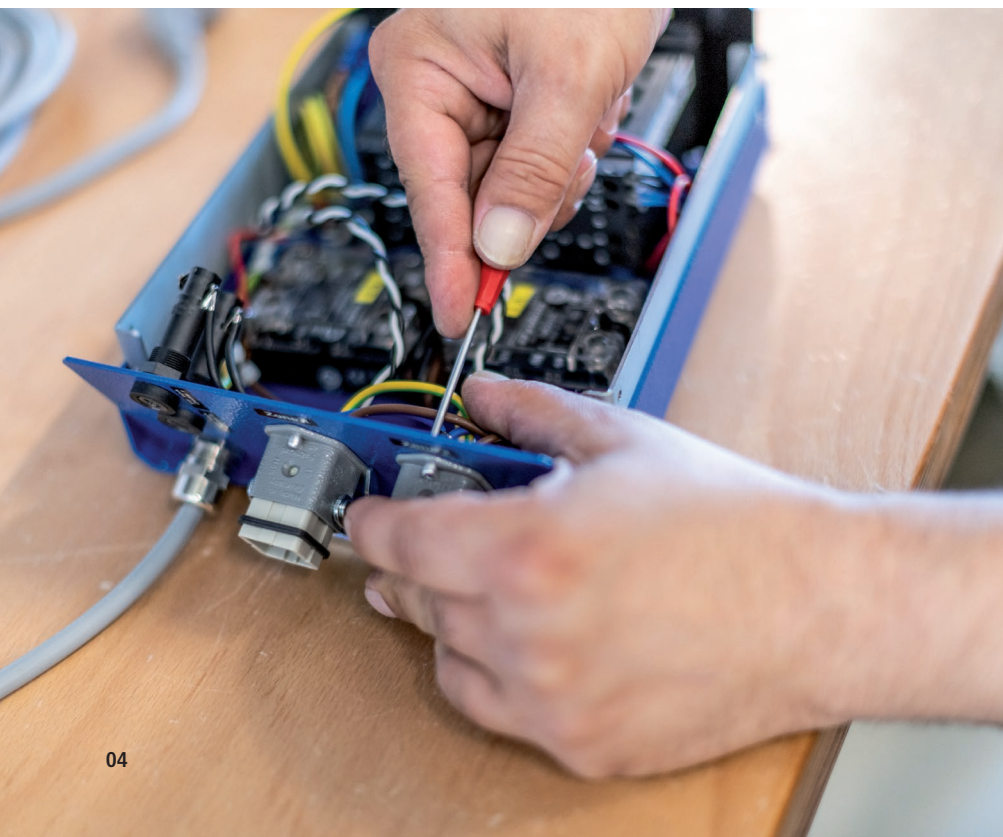
**Custom-made, flexible and user-friendly – hot runner control devices by Fiege are that critical one step ahead of the competition.**

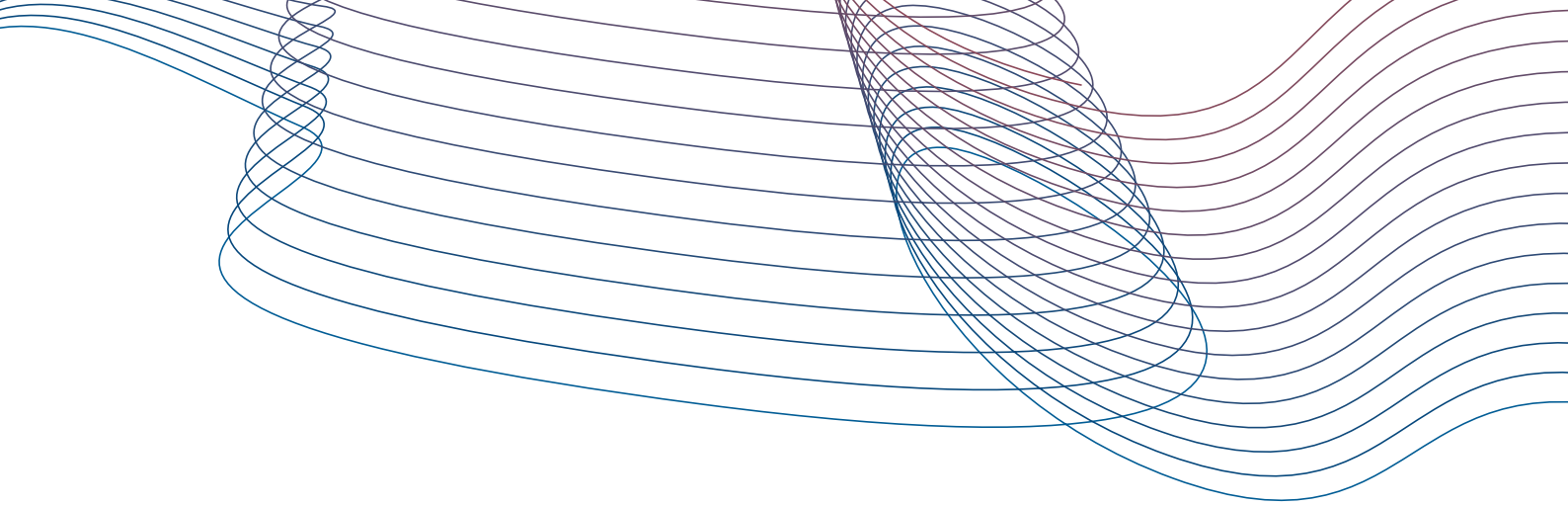
## Individually manufactured, short delivery times

From the smallest controller to needle valve-control system to pressure measurement systems – all our devices are characterised by greatest ease of operation, limitless compatibility and individual manufacture, exactly to your specifications regarding the mould and power connections. In addition, our hot runner controllers boast a long lifecycle and high fail-safety. Quality and precision always have utmost priority: To ensure maximum process reliability, we recommend our mould connection cable on the basis of compensation lines. Enjoy the long-term benefits of a device generation completely unsusceptible to repairs.

## JETmicro

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.





## TP and VARIO series

The hot runner controller concept with a systematic approach: There's a common theme running through this device family with its simple touch panel operation. A uniform user interface and functionality provides you, the user, with high transparency, a short familiarisation and maximum compatibility of all moulds. Simply put: Once created, up to 500 different moulds can be exported, archived and transferred to further hot runner controllers – and are immediately operational without restart. Needle valve-control system and pressure measurement system are thus easily connected and operable and visualisable via hot runner controllers. Particular advantage: The TP and VARIO series is maintenance-free and fanless, making it ideal for cleanroom production. Owing to different interfaces like OPC/UA, our hot runner controllers can be connected to numerous injection moulding machines – regardless of their make.

## VARIO

Central control 4.0 – VARIO is the future: Despite its size, the handy VARIO turns out to be a highly user-friendly, efficient hot runner control device. Two desk devices with up to 32 zones can be combined with each other via the master-slave function and controlled per touch panel through just one device.

In addition, connecting further devices, including needle shut off control and pressure measurement system, is possible via standard Ethernet connection. The VARIO with microcontroller control meets the highest requirements for the process reliability of your plastic manufacture while remaining as small and handy as possible. A further step towards the future is the linkage of all hot runner controllers to a central mould server within your company network or OPC/UA.

## JETmaster TP

When you need that little bit of extra in terms of performance: Up to 240 zones on four wheels with maximum operating comfort! Clear touch panel and maximum data compatibility – this “control cabinet” is where it's at!

The JETmaster TP, the floor-mounted device from our systematic TP series, combines all the requirements for optimum process reliability and ease of use in one device. Once connected, all moulds are immediately operational again without the need for a restart. Comfortable: the control via industrial PC with large touch panel. Profitable: Maximum-sized external cooling elements ensure that the device remains maintenance- and wear-free.

To product overview:



### Our hot runner controllers:

- simple in operation
- compact
- easy to transport
- maintenance-free
- custom-made
- long-lasting





# DMS und NVS

## Compact, flexible and combinable with third-party products

**Highest precision and simple operation - these are the characteristics of our two latest products. With DMS and NVS, we are strengthening our position as a system supplier.**

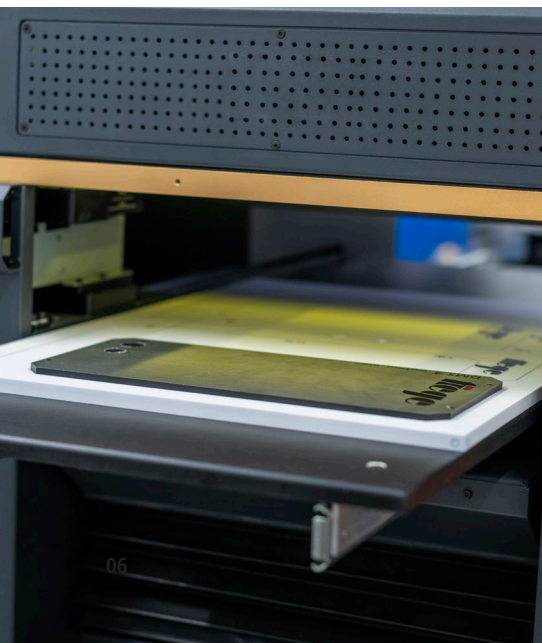
### Pressure measurement system (DMS)

Part of our range since 2018 The pressure measurement system DMS boasts high filling study precision and enables optimum cycle times during the filling process. The automatic detection of good / bad parts ensures a high degree of automation. The pressure curve indicates whether the temperature for melting the raw material should be increased or reduced in order to achieve an optimised filling of the cavity. The settings for the mould cavity pressure are stored in just one mould data set. The visualisation occurs via the connected temperature controller. DMS can be used irrespective of the sensor brand.

### Needle valve-control system (NVS)

One of the most recent Fiege electronic top performers is the newly developed needle valve-control of the NVS and NVS plus series. Combined with the temperature controllers of the TP and VARIO series (software version 3 and above), both the needle shut off control and the also newly developed Fiege pressure measurement system can be visualised through an existing hot runner control device. With this development, Fiege yet again sets the standard in terms of ease of operation. NVS is optionally available with end position control and can be used irrespective of the hot runner manufacturer.

To product overview:











# Accessories for your control devices

## First-hand quality

**Why choose second best when you can get the original?**

### Mould connection cable

Our mould connection cables are like loyal employees: You will reap their benefits for a long time. Whether pre-assembled or as bulk stock, heating, sensor or combination cable – our products designed specifically for machinery and plant engineering stand out for their robustness, longevity, flexibility and are largely oil and chemical resistant.

### Spare parts for your control devices

As a manufacturing business in the plastics industry, you cannot afford to jeopardise the productivity of your process chain. Best to go straight for the original:

To ensure the long-term performance, precision and reliability of your hot runner control technology, we recommend using only genuine spare parts to preserve the tightly set tolerances in the control of your hot runners.

### Fiege extras

Complement your hot runner control technology with practical extras, simplifying your processes and increasing the reliability of your manufacture. We are continuously expanding our product range - drop by regularly and find out more about our innovations!

To product overview:



# Applications

## Always fits, controls everything

**You will find our hot runner controllers wherever plastic is moulded - undoubtedly also in your industry.**

From screw caps and parts for medical devices to the disposal industry - regardless of the area in which your company produces with plastic: Fiege's hot runner control technology allows you to control the temperatures for injection moulding precisely and efficiently. Whether the sector is automobile, medicine, packaging, electrics, household or

indeed a different challenge: Our system solutions optimise the manufacturing process and guarantee world-class mouldings. Fiege control devices are suitable for all kinds of materials and degrees of difficulty and stand out for their longevity and robustness.

To the applications:









Do you have any questions about our products?

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