

# MTG.

## POWER ON DEMAND

### MTG Montagetechnik GmbH

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# Who We Are

We are a future-oriented, innovative company with the claim to provide you with qualified support. **Since 1993**, we offer various solutions for **planning, development** and **production** of **electrical** and **electronic systems**. From concept to finished product, our slogan is not chosen arbitrarily, but reflects the dynamics throughout our company:

## **POWER ON DEMAND.**

We realize new projects through **continuous, intensive cooperation** with the R&D departments of our customers - from the **initial concept** to **series production**. We manufacture electrical networks for the **automotive industry** according to customer specifications. Complete wiring systems, from **small series to large-scale production**, are a specialty of our production.

# History



**1993**  Company founded by **Wolfgang K. Müller** in Bayreuth / Germany

**1994** First harness produced in Hranice / CZ

**1995**  Start of own manufacturing **plant in Aš / CZ**

**1997**   All locations got certified by **ISO 9001** **IATF 16949**

**2022**   Management Takeover by **next Generation Patricia Deuter** and **Frank Müller**



# Management and Locations

We are service providers by conviction.



**Patricia Deuter**  
Managing Partner



**Frank Müller**  
Shareholder, PBA



**Bayreuth, Germany**  
Operational Headquarters



**Aš, Czech Republic**  
Production

# Products & Technologies

## Crimp Technology

With a bulk of crimping tools, we can deal with almost every terminal. MTG runs modern presses with crimp force monitoring.



## Seal Assembly

Sealing systems can be assembled fully automated prior to the crimping process.



## Insulation Displacement Connection (IDC)

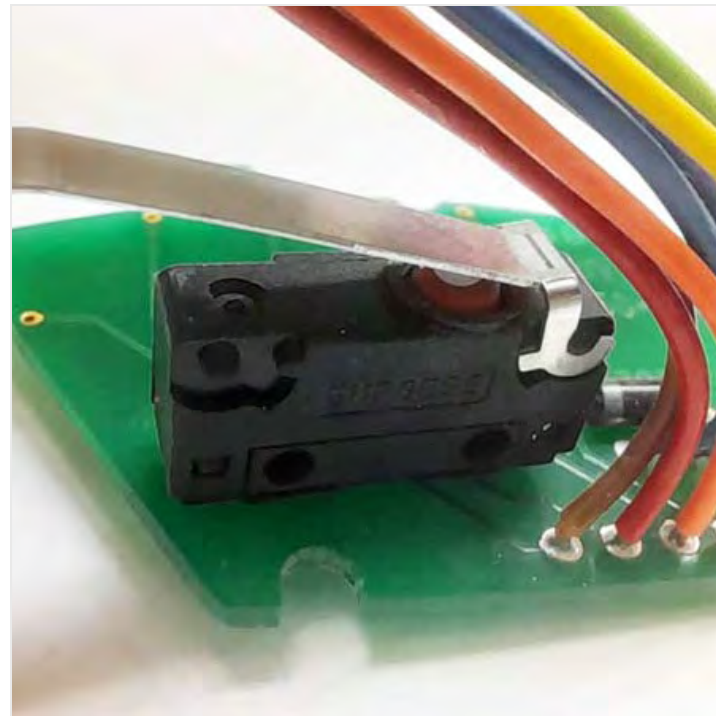
Flat and single wires can be processed in IDC connectors with a pitch of 1,27 to 5,08 mm.



# Products & Technologies

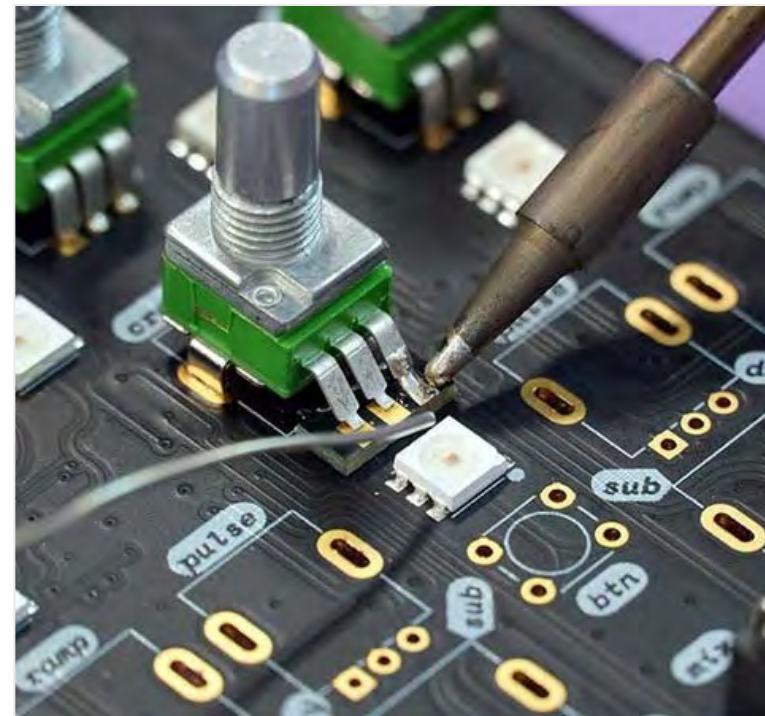
## PCB Assembly

According to the requests of our customers, we offer the assembly of PCBs with wiring harnesses, microswitches, resistors or LEDs.



## Soldering Technology

The soldering of LEDs, microswitches or PCBs is based on manual processes with temperature controlled soldering devices.



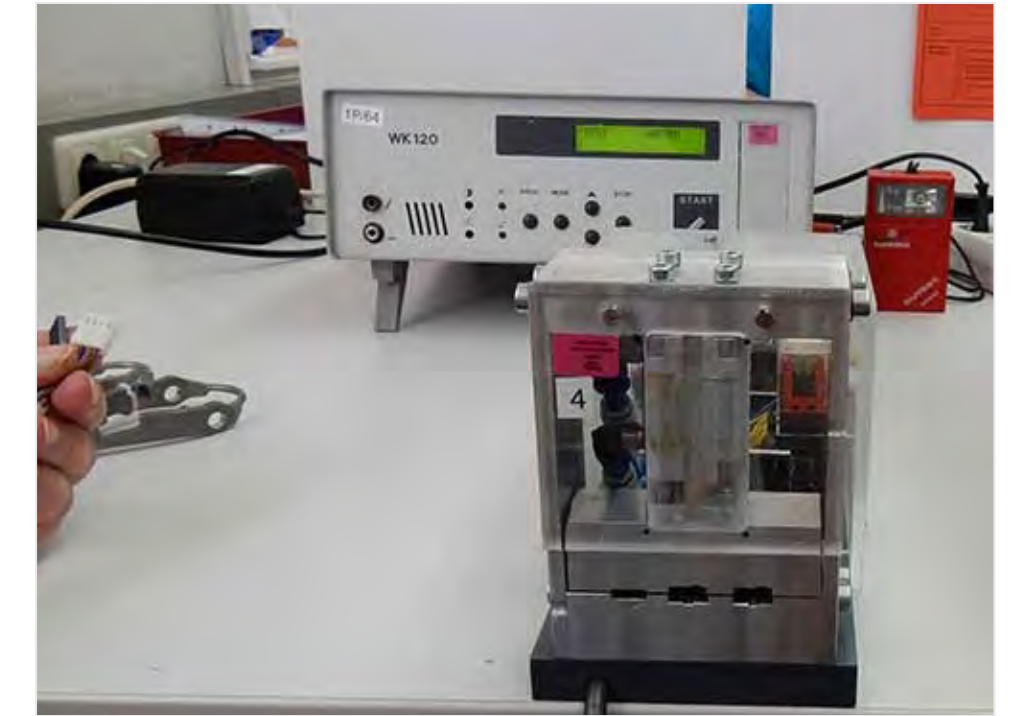
## Ultrasonic Welding

Wire ends or knots of several wires are welded by an ultrasonic device. The time and energy to achieve a perfect welding result is controlled by a computer unit.

# Quality & Testing

## Testing Technology

We test harnesses at 100%, with computerized testing systems for continuity and mixed cables.



## Test & Production Devices

All our test- and production devices are planned and constructed in MTG's own workshop, according to the requirements of our customers.



# Assembly Process

## Production in As, Czech Republic

Backbone of MTG's wire harness manufacturing is the highly experienced team. Based on deep product understanding, long-term collaboration and passion, MTG assembly team ensures reliable quality of work – our target:

**Products with 0 failures , delivered on time and cost-competitive.**





# Customer Base

## Automotive



## Transportation & Industrial



## Key Benefits in working with MTG

Long **term relationship** to **established customers** states **experience** and reliability

Strong flexibility on innovations and / or technology-oriented product roadmaps

Highly **cost efficient** (even the assembly by manual labor forces)

**Design capabilities** satisfy even challenging customer requests

**Short response time** and **high flexibility** in execution – from first RFQ till EOP.

From **niche to midsize volume** quantities (up to 250,000 units p.a.)

# Quality & Certificates



Actual certificate

**DIN EN ISO 9001 : 2015**

**IATF 16949 : 2016**





# Get in touch with us!

## Contact

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