



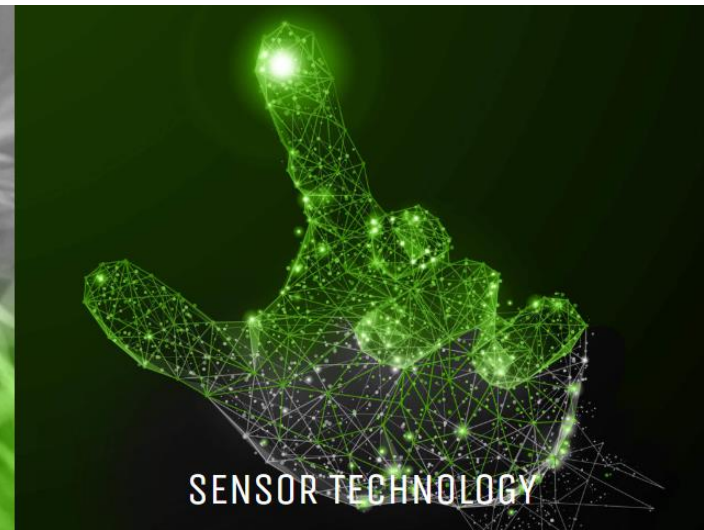
YOUR TECHNOLOGY PARTNER  
FOR THE WORLD OF  
TOMORROW.



PLASTIC HYBRIDS



MID TECHNOLOGY



SENSOR TECHNOLOGY

- ~ 100 employees
- Founded in 2002
- Turnover: 18,2 Mio. € (2022)
- Certified company according to IATF 16949, DIN ISO 14001, DIN ISO 9001
- More than 20 sales partners worldwide
- Member of the Narr-Group



- Our customers

**KAVO**  
Dental Excellence

**MinebeaMitsumi**  
*Passion to Create Value through Difference*

**BALLUFF**  
sensors worldwide

**SIEMENS**

 **BOSCH**

**tec****sis**

**WIKAI**

**CIS**

 **digades**  
transmission as a vision

**novotechnik**  
Siedle Gruppe

**LEONI**

- Partner in research and development

**NMI**  
schafft Ergebnisse 

Hahn  
Schickard 

 **Fraunhofer**

**FAPS**

## PLASTIC-HYBRIDS



## 3D MID TECHNOLOGY

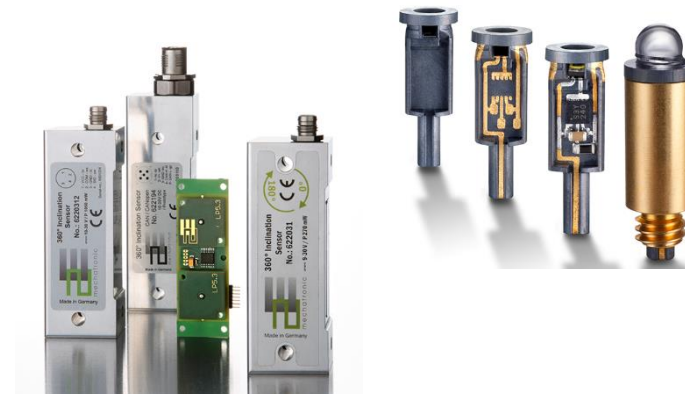


## 2E SENSOR TECHNOLOGY



## SERIES PRODUCTION. IN-HOUSE DEVELOPMENT. RESEARCH.

- Large series production of plastic hybrids with fully automated production lines
- Qualified and specialized project management by our own R&D department
- Excellent development skills in project management and in-house development
- BMBF and ZIM subsidized projects deliver impulses for in-house developments





SERIES PRODUCTION.

IN-HOUSE DEVELOPMENT.

RESEARCH.

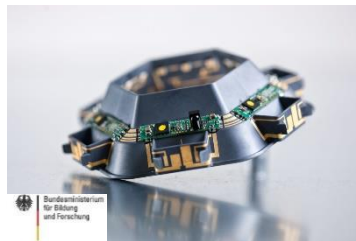
## Current research projects with 2E participation

INEK3D



Picture source: © Fraunhofer IPA

ILED MID



FLEXITEL SONDE



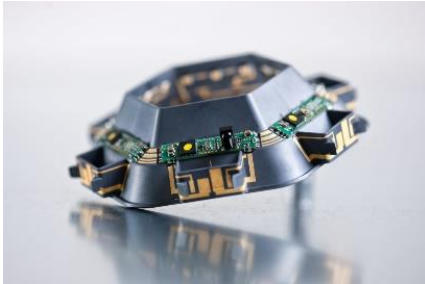
MINO-NGS




Subsidized by:



## ILED MID



Subsidized by  Bundesministerium  
für Bildung  
und Forschung

- Development and construction of kits made of innovative MID-based intelligent and energy efficient modules
- Large variety of lighting solutions due to modules with 3D arrangement of LEDs, in-module electronics and sensors
- Development of MID based production processes technically optimized, amongst others, for heat dissipation, capacity and production

Lead partner:

VDI | VDE | IT

Participating companies and  
institutes:

Hahn  
Schickard


ASSDEV

SERMA  
PRODUCTIVITY ENGINEERING

nimbus group

## MINO-NGS



Subsidized by  ZIM  
Zentrales  
Innovationsprogramm  
Mittelstand

- Development of a high-precision fluidic inclination sensor with a sensor range of 360°
- Implemented by use of a new capacitive measuring principle, which eliminates disruptive factors
- 2E mechatronic is responsible for sensitive mechanical construction of the components consisting of circuit board, dome, fluid and cap

Lead partner:

AF  
Forschungsnetzwerk  
Mittelstand

Participating institute:

Hahn  
Schickard



**Contact us directly at 2E mechatronic:**

**Phone: +49 7021/9301 - 0**

**E-Mail: [info@2e-mechatronic.de](mailto:info@2e-mechatronic.de)**

**Web: [www.2e-mechatronic.de](http://www.2e-mechatronic.de)**

**We are looking forward to hearing from you.**