

## OEM products and systems (OPS) division



## System solutions

- We integrate components for complete system solutions
- Everything from a single source
- We manage the complete engineering

# System solutions by Kübler

## Benefit from our know-how

More than ever, our customers are purchasing from us not only individual components but also customised system solutions for solving their displaying, controlling and positioning problems. Our experience of more than 45 years makes us a much sought-after partner.

The new OEM products and systems (OPS) division is the consistent continuation of this development. We use not only our standard

products, such as rotary encoders, counters, process controllers, etc. but also additional highly sophisticated system components of released network partners. Our system engineers manage the complete engineering. Only this comprehensive approach makes it possible to create solutions tailored to the requirements of the individual customers.

## Our technology & product competence

### Position transmitters



More than 25 years of technology and system know-how in the field of optical and magnetic position transmitters

- Absolute rotary encoders
- Incremental rotary encoders
- Linear encoders

### Counting and control technology



45 years of experience in precision mechanics and electronics for electromechanical and electronic display and control components

- Counters
- Displays
- Controllers

### Process technology



Electronic components for controlling and displaying nonlinear variables and temperature

- Process displays
- Process controllers

## System solutions for 3 focal points

## Project examples

### 1. Mechanical system integration of our components:

- Protective housing
- Fastening devices
- ATEX integration
- Connectors and cable connection technology
- Individual Design In

### Construction-site vehicles tunnel drilling

#### Requirement

- Angle positioning extension arm
- Shock resistance 250 g
- Extremely robust mounting
- Display integrated in the housing



#### Solution

1. Absolute SSI rotary encoder, single-turn
2. Specially developed housing
3. Special bearing rotary encoder in the housing
4. Integrated SSI position housing

### 2. System solutions for controlling and positioning:

- Integrated drive technology
- Actuators
- Axis control
- Synchronous control

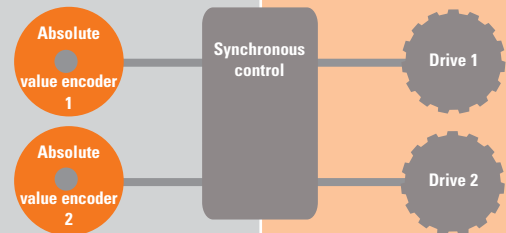
### Materials-handling technology for rail loading of trucks

#### Requirement

Positioning of a lifting unit comprising 2 electr. axle drives

#### Solution

Sensor system: Absolute multi-turn encoder, adapted synchronous control



### 3. Displaying, controlling, data transmission:

- Ethernet and field bus displays
- Data interfaces
- Control components
- Special displays

### Medical technology

#### Requirement

Temperature measurement, wireless data transmission, local display, in a uniform housing



#### Solution

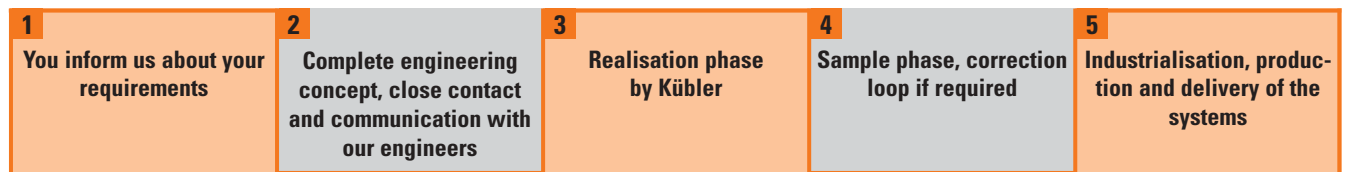
1. Specially developed housing
2. Wireless solution via interface component
3. Integration Codix 531 temperature display

## OEM products and systems (OPS) division

### Your advantages

- Everything from one single source
- Saving of time and costs
- Practical, innovative and high-quality complete solution
- Low-cost simple integration without interface problems

### We manage your product from conception to delivery



## That way, you can focus entirely on your core business

<b>Systems</b> <ul style="list-style-type: none"> <li>■ Mechanical system integration</li> <li>■ System solutions for controlling and positioning</li> <li>■ Complete solutions for displaying, controlling, data transmission</li> </ul>	<b>OEM products</b> <ul style="list-style-type: none"> <li>■ Devices for displaying, counting, controller or positioning, angle detection, etc. developed according to your requirements</li> </ul>	<b>Printed circuit board assembly</b> <ul style="list-style-type: none"> <li>■ SMD</li> <li>■ Wired</li> </ul>
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**Are you interested?**

**We would be pleased to inform you personally about our services.**

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