



# ENCLOSURES AND CONTROLS FOR HEATING/CLIMATE/ ENVIRONMENT

**OKW**  
GEHÄUSE  
SYSTEME



## APPLICATIONS

OKW enclosures and tuning knobs are at home in a wide range of HVAC and environmental applications:

- Controllers for heating, air conditioning, ventilation, lighting, solar and photovoltaics
- Mobile data acquisition and transmission
- Data logging for temperature, humidity, water quality, soil conditions and CO<sub>2</sub>
- Smart devices for IoT-based environmental monitoring
- Filtration and separation in process technology
- Water/energy management, air pollution control
- Preparation of raw materials
- Measuring systems and controls for smart farming

Browse our latest brochure to see OKW enclosures and tuning knobs in action. Learn more about our in-house customization services.



### CARRYTEC

These unique enclosures feature a tough integrated handle for easy portability. Other benefits include a large recessed top for displays from 8.4" (21 cm) to 13.4" (34 cm), and protective pockets for storing instruments, sensors and accessories. Options/accessories include IP 54 ingress protection, rail holding clamps and docking stations for charging/data transfer.



# SMART ENCLOSURES FOR HEATING, CLIMATE AND ENVIRONMENTAL TECHNOLOGY

Industry is undergoing a major transformation. It requires solutions that enable and empower efficient and sustainable technology. These devices feature sensitive electronics and precision sensors that place special demands on their housings and controls.

OKW offers a wide range of enclosures and tuning knobs for the safe housing and operation of your devices, according to your requirements. Custom modifications and finishes enhance device value, usability and longevity.



### ROBUST-BOX

Industrial electronic enclosures with a high degree of ingress protection, up to IP 66. Proven terminal enclosures. Available in ABS (UL 94 HB) – or in PC (UL 94 HB) as a robust housing for harsh, high-temperature environments. Color-coded cover strips that conceal the fixings are available as an alternative to the standard light gray.







#### EASYTEC

Robust enclosures with external flanges for quick wall mounting or attachment to pipes/rails.



#### MINI-DATA-BOX

Compact enclosures available with or without flanges. Ideal for a wide range of indoor/outdoor applications.



#### SMART-BOX

IP 66 industrial electronic enclosures with hinged lid trims, hidden fixings and 'lid-closed' installation.



#### SMART-TERMINAL

Aluminum profile housing with plastic cover caps. Plenty of space for interfaces and installations.



#### DIATEC

Robust wall-mount enclosures, perfect for communications and networks. Low-profile design.



#### DATEC-CONTROL

Handheld housing for large displays. Easy to grip for greater comfort. IP 65 (sizes XS, S)/IP 54 (sizes M, L).

#### NET-BOX

Robust wall-mount enclosures for modern control devices, gateways, networks and IoT applications. Protected area for connectors.



#### INTERFACE-TERMINAL

These multifunctional enclosures can be used for mobile devices with a charging/docking station, as a console or as a wall-mounted housing. Available in three plan sizes and various heights.

## EFFICIENT CHANGE WITH STANDARD ENCLOSURES AND SMART DESIGN

Our enclosures offer innovative practical design features and compatibility as standard. Whether you need fixed or mobile solutions, OKW enclosures and tuning knobs are designed for efficient operation and long-lasting use. OKW products are characterized by their ergonomic design and user-oriented functionality.

OKW enclosures include recessed control panels to protect membrane keypads and displays, recessed surfaces to accommodate interfaces, high protection classes (IP 65, IP 66, IP 67), high-quality materials, a wide range of accessories and much more.





#### SLIM-CASE

Modern phone-style handheld enclosures. Perfect for installing large displays and touchscreens up to 4" (10 cm).



#### MINITEC

Ideal for wearable electronics (for applications such as air quality monitoring). Comfortable to wear round your neck, wrist, on a key ring or belt.



#### SENSO-CASE

Ergonomic enclosures for single-handed operation – perfect for scanning. Available with/without a trigger. Large recessed area for controls, LCDs.



#### SMART-PANEL

Slim touch screen enclosures for building control. Fits standard flush-mount and cavity wall boxes. Now available in three sizes.



#### IN-BOX

Industrial electronic enclosures with IP 66/IP 67 ingress protection and IK 07 (ABS)/IK 08 (PC) impact resistance. Also available with a transparent cover.



#### CONNECT

For wired electronics. With two shells – one convex, the other flat and recessed for a membrane keypad. Screwless assembly.

#### SOFT-CASE

Wide-format enclosures for larger displays. Can be used for handheld, tabletop or wall-mount electronics. Soft contours for comfortable operation.



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#### SYNERGY

Versatile range of desktop and wall-mount enclosures that combine aluminum and plastic in perfect harmony. Available in four shapes.



#### EVOTEC

Robust designer tabletop and wall-mount enclosures with either a flat or sloping top. Large operating area for switches, buttons and touch displays.



#### SOLID-BOX

Heavy-duty housings for industrial applications. IP 66/IP 67 ingress protection and IK 08 impact resistance. Two deep recesses in the base offer plenty of protection for interfaces.



## PERFECT INTERFACES, SEAMLESS INTEGRATION

OKW's advanced enclosure technology offers comprehensive connectivity. We can customize our enclosures to your exact requirements – machining apertures for plug connections, sensors, cable grommets, displays, touchscreens, operating elements and LEDs.

If required, we can also carry out installation work, assembling cable glands and bushings as part of our customization services.





# EASY TO RECOGNIZE AND OPERATE

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OKW's product portfolio features a wide choice of modern tuning knobs for operating devices and systems.

Our control elements combine special technical features with contemporary esthetics. Features include optional LED lighting, flush mounting, functional markers and a range of modern colors.

We make your products look more valuable, more attractive and more refined.

## STAR-KNOBS

For operating elements with a rotary encoder and touch function for menu-controlled interfaces. So many functions can be operated with just one button. Tried and tested collet fixture system. Optional illumination enhances the esthetics.



## CONTROL-KNOBS

Award-winning CONTROL-KNOBS are easy to grip, pleasant to touch and great to use. These high-quality tuning knobs can be illuminated if required, highlighting them as the central element of menu-driven interfaces.



## TOP-KNOBS

Award-winning TOP-KNOBS feature distinctive and colorful marking elements. Available as push-on or lateral-screw knobs. The marking element clips into the side of the knob, concealing the lateral fixing screw.



## COM-KNOBS

Attractive modern collet knobs in a range of pastel colors that match TOP-KNOBS for a uniform look. With/without slot for arrow marking elements. Clip-on covers with/without finger recess.

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BODY-CASE



MINITEC



STYLE-CASE



SMART-CASE



SOFT-CASE



DATEC-POCKET-BOX



DATEC-MOBIL-BOX



DATEC-COMPACT



DATEC-CONTROL



HAND-TERMINAL



SENSO-CASE



CARRYTEC



ERGO-CASE



SLIM-CASE



CONNECT



SMART-PANEL



INTERFACE-TERMINAL



SMART-CONTROL



NET-BOX



DIATEC



MINI-DATA-BOX



EASYTEC



SOLID-BOX



SMART-BOX



ROBUST-BOX



IN-BOX



SNAPTEC



PROTEC



COMTEC



DESK CASES



DATEC-TERMINAL



UNITEC



SMART-TERMINAL



EVOTEC



SHELL-TYPE CASES



MEDITEC



TOPTEC



SYNERGY



FLAT-PACK CASE



ART-CASE



RAILTEC B / C



POTTING BOXES



TOP-KNOBS



TUNING KNOBS 'CLASSIC'



COM-KNOBS



COMBINATION KNOBS



STAR-KNOBS



CONTROL-KNOBS





## FROM STANDARD TO INDIVIDUALITY

View our comprehensive standard range and select the enclosure or tuning knob that best matches your ideas, your components and the needs of your customers. Next, simply tell us what you need for your product.

Together we will discuss the modifications needed, your quality requirements, the price and delivery time.



### MODERN MACHINERY

OKW supplies enclosures and tuning knobs fully customized to your exact specifications – ready for the installation of components. See pages 14/15 for details of our customization services.





# CUSTOMIZING

## PRINTING

Custom printing of legends, logos and photo-quality graphics for branding and functionality. Depending on the printing format and type of enclosure, we can offer you screen, tamper and digital printing.

## LASER MARKING

Laser marking is ideal for individual labelling, identifying or marking – especially for very small machine-readable markings such as QR codes, barcodes and DataMatrix codes. Consecutive numbering of parts and the addition of individual texts/logos is quick and easy.

## RFI/EMI SHIELDING

Protect your electronics from external interference, as well as from increased internal emission noise. We coat the inside of the enclosure with aluminum to shield plastic parts (which offer no natural protection against electromagnetic radiation).

## SPECIAL MATERIAL

### CUSTOM COLORS

On request we can also produce many of our enclosures and tuning knobs in custom colors. To match the color you require, we can have the natural plastic material colored and extruded to a high standard. Custom colors can be specified based on a sample or on RAL or Pantone shades.

### V-0

Manufacturing of enclosures in flame-retardant (V-0) plastic on request.

## MACHINING

We can carry out individual machining processes for you, quickly and reliably, for sample or series production quantities. You will receive your enclosures ready for the installation of your electronics.

Milling, tapping, engraving, drilling, countersinking and stamping – there is practically no limit to the variety of shapes and designs.

*Special:* Internal reduction for partially backlit surfaces using LED illumination.



## LACQUERING

We can lacquer the enclosures and tuning knobs in any color you wish to suit your application or company branding. OKW offers a wide choice of lacquers. They include soft-touch, metallic effects and ESD conductive lacquer to prevent electrostatic discharges.

## DECOR FOILS

For lettering and color design, we can digitally print product labels quickly and easily for small batches starting with one unit. Digital printing enables consecutive numbering, codes and technical specifications. Color graduations are also possible.

## ASSEMBLY OF ACCESSORIES

We assemble your enclosure accessories including cable glands, belt/pocket clips, tilt foot bars, wall-mount kits, hinges, carry handles, keyboard foils, product labels, type plates, display windows, mounting pillars, seals and fibre optics. The service also includes packaging to your specifications.





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#### ASK FOR A SAMPLE!

It's quick and easy online – just go to the OKW website, add the required enclosure/tuning knob version by clicking 'Add to my basket' and tick 'Sample'. Then add your contact details and send off the form. You will receive a confirmation of your request by email, and your sample will be on its way.



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