

# ENCLOSURES AND OPERATING ELEMENTS FOR EMBEDDED SOLUTIONS

**OKW**  
GEHÄUSE  
SYSTEME



# ENCLOSURES PROTECT YOUR ASSEMBLIES AND EMBEDDED SYSTEMS

Embedded systems are at the heart of many products, machines and intelligent processes, performing important control, regulation and monitoring tasks. To ensure that your electronic components are optimally protected from external influences, we offer a wide variety of enclosure ranges which are ideally suited to your applications. They are available as mobile variants/wearables, DIN rail enclosures, as wall-mount, desktop or table-top versions – robust, sealed, in different sizes and versions and with a comprehensive range of accessories.



## EVOTEC

With its robust construction and attractive design, the EVOTEC enclosures range is ideal for tough working environments. Choose between two versions – one with a flat top, the other with a sloping top ergonomically inclined by 12° for desktop use.



# HIGH-QUALITY DESIGN MEETS FUNCTIONALITY

The OKW range of plastic enclosures covers many different applications, including handheld, wall-mount, desktop, tabletop and instrument enclosures. Choose the enclosure with the design, size and configuration that best meets your specific requirements. Modern electronics packaging by OKW is characterised by ergonomic design, user-oriented functionality and high-quality moulding and finishes.

With a wide range of conceivable technologies available in-house, we can manufacture the enclosures and customise them to your exact requirements.



**EASYTEC**  
Flanged enclosure range for rapid mounting on walls or tubes/round profiles.



**MINI-DATA-BOX**  
Smart sensor enclosures with/without flanges for fast mounting to walls, ceilings, rails and tubes.



**PROTEC**  
Square control centre enclosures for desk and wall electronics. Ideal for touchscreens. Choose from three versions.



**SMART-CONTROL**  
Wedge-shaped enclosure for easy installation in corners. They can also be mounted on flat walls or ergonomically inclined for desktop use.



**SMART-PANEL**  
Smart wall-mount touchscreen enclosures for intelligent building-control systems. They fit standard cavity wall boxes.



**SMART-TERMINAL**  
Robust and elegant enclosure range. Individual lengths of the aluminium profiles are available on request.



**RAILTEC B and C**  
These enclosure ranges allow simple and quick snap-in mounting on DIN rails in accordance with EN 60715.



**SOLID-BOX**  
Robust, stylish IP 66/IP 67 enclosures for industrial electronics. IK08 impact protection.





**CONNECT**

Ideal for wired and battery-powered devices. Snap-together enclosure with smooth convex side and a recessed side for a membrane keypad.



**SOFT-CASE**

Large display area, can be used universally as a handheld, tabletop or wall-mount enclosure.



**INTERFACE-TERMINAL**

Versatile for use as a mobile unit, with a charging/docking station, as a desktop or wall-mount enclosure, each in three sizes.



**SMART-BOX**

Modern enclosure range with high protection class up to IP 66 for challenging applications.



**IN-BOX**

High protection class of IP 66/IP 67 and impact resistance of IK07/IK08. Also available with a transparent top.



**NET-BOX**

Slim, stylish wall-mount enclosures for control units, network nodes and more. Connectors are hidden under the front lid.

# ENCLOSURES PERFORM A WIDE RANGE OF FUNCTIONS

Our standard enclosures offer innovative and practical design features and compatibility. These include solutions for the power supply, the installation of standardised displays, high protection classes, high-quality and easy-to-clean materials, and recessed surfaces for the protection of membrane keypads and displays. A wide range of accessories allows you to provide the enclosures with additional functionality.



**DATEC-COMPACT**

Handheld enclosure with a high protection class and robust design. Ideal for use as a mobile measuring device – whether indoors or outdoors.

CONTROL-KNOB



#### TOP-KNOBS

Award-winning tuning knobs in two versions: lateral fixing screw (DIN 41591) or D-shaft. The lateral fixing screw is concealed by functional marking elements in different colours and shapes.



#### COM-KNOBS

The COM-KNOBS range of tuning knob supports the appearance of modern medical applications. Safe operation is ensured by means of a collet fixture for rotary potentiometers with round shaft ends in accordance with DIN 41591.



#### CONTROL-KNOBS

New ergonomic CONTROL-KNOBS have a soft-touch surface which is easy to grip and feels comfortable in operation. The high-quality appearance – illuminated if required – distinguishes this advanced range of tuning knobs as the central element of menu-driven interfaces.

## EASY TO RECOGNISE AND OPERATE

The OKW range of tuning knobs is tried and tested for rotary potentiometers with round and flattened shaft ends in accordance with DIN 41591 or 6/4.6 mm. The knobs are fitted using the proven collet fixture, lateral screw fixing or simply by pushing them on.

Choose from round knobs, wing knobs, spindle-shaped knobs, pointer knobs or simple rotary switches. Different sizes and combinations offer a wide range of possible solutions.

#### STAR-KNOBS

Our STAR-KNOBS are designed for menu-driven interfaces, click rotation and click push-in for 'OK'. This reduces the number of knobs and controls required on the front panel. The illumination is a visual highlight and enhances user operation of the equipment.



# THE COMPLETE PRODUCT RANGE



BODY-CASE



MINITEC



STYLE-CASE



SMART-CASE



SOFT-CASE



DATEC-POCKET-BOX



DATEC-MOBIL-BOX



DATEC-COMPACT



DATEC-CONTROL



HAND-TERMINAL



SENSO-CASE



CARRYTEC



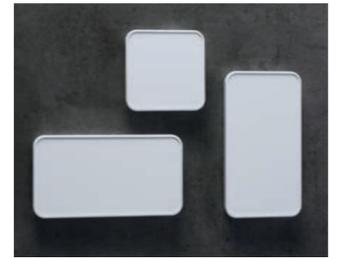
ERGO-CASE



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



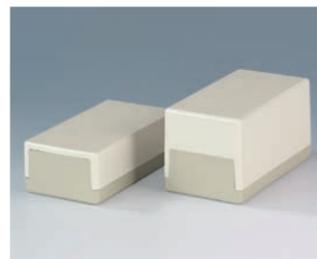
SHELL-TYPE CASES



TOPTEC



SYNERGY



FLAT-PACK CASE



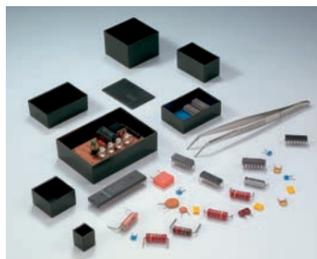
ART-CASE



RAILTEC B



RAILTEC C



POTTING BOXES



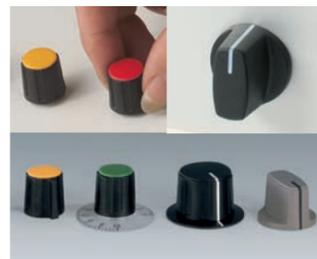
TOP-KNOBS



TUNING KNOBS 'CLASSIC'



COM-KNOBS



COMBINATION KNOBS



STAR-KNOBS



CONTROL-KNOBS

# CUSTOMISATION ACCORDING TO YOUR REQUIREMENTS

Look at our comprehensive standard range and select the enclosure or tuning knob that best matches your ideas, your components and the needs of your customers. In the next step you merely have to tell us what you still need for your own product. Together with you we choose the necessary modifications – ideal in terms of price, quality and delivery time – to meet your specific requirements.

SPECIAL  
MATERIALS

LASER  
MARKING

PRODUCT LABEL

MACHINING

LACQUERING

PRINTING

EMC  
SHIELDING

ASSEMBLY



# CUSTOMISING

## PRINTING

You can use printing on your product to give it a personal touch. It is also possible to indicate the function and usage. With precision craftsmanship, we can carry out the required printing to your satisfaction. Depending on the printing format and type of enclosure, we can offer you screen printing, tampon printing as well as 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.

## EMC SHIELDING

When it is a question of EMC and the protection of your electronics from external interference as well as increased internal emission noise, OKW Gehäusesysteme is your expert partner. To shield plastic parts, which offer no natural protection against electromagnetic radiation, we coat the inside of the enclosure with aluminium.

## SPECIAL MATERIALS

### INDIVIDUAL COLOURS

On request we can also produce many of our enclosures and tuning knobs in special colours. To match the colour you require, we can have the natural plastic material coloured and extruded to a high standard. Individual colour adjustments are possible according to a sample, RAL or Pantone shades.

### SPECIAL MATERIAL V-0

Manufacturing of enclosures in flame-retardant plastic material on request.

## MACHINING

We can perform 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.

## LACQUERING

We can lacquer the enclosures and tuning knobs in any colour you wish so they match 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.

## PRODUCT LABELS

For lettering and colour 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. Colour 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.



YOUR PARTNER:

**OKW**  
GEHÄUSE  
SYSTEME

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Subject to technical  
modification without notice.  
11/2023.



#### 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 cart' 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.