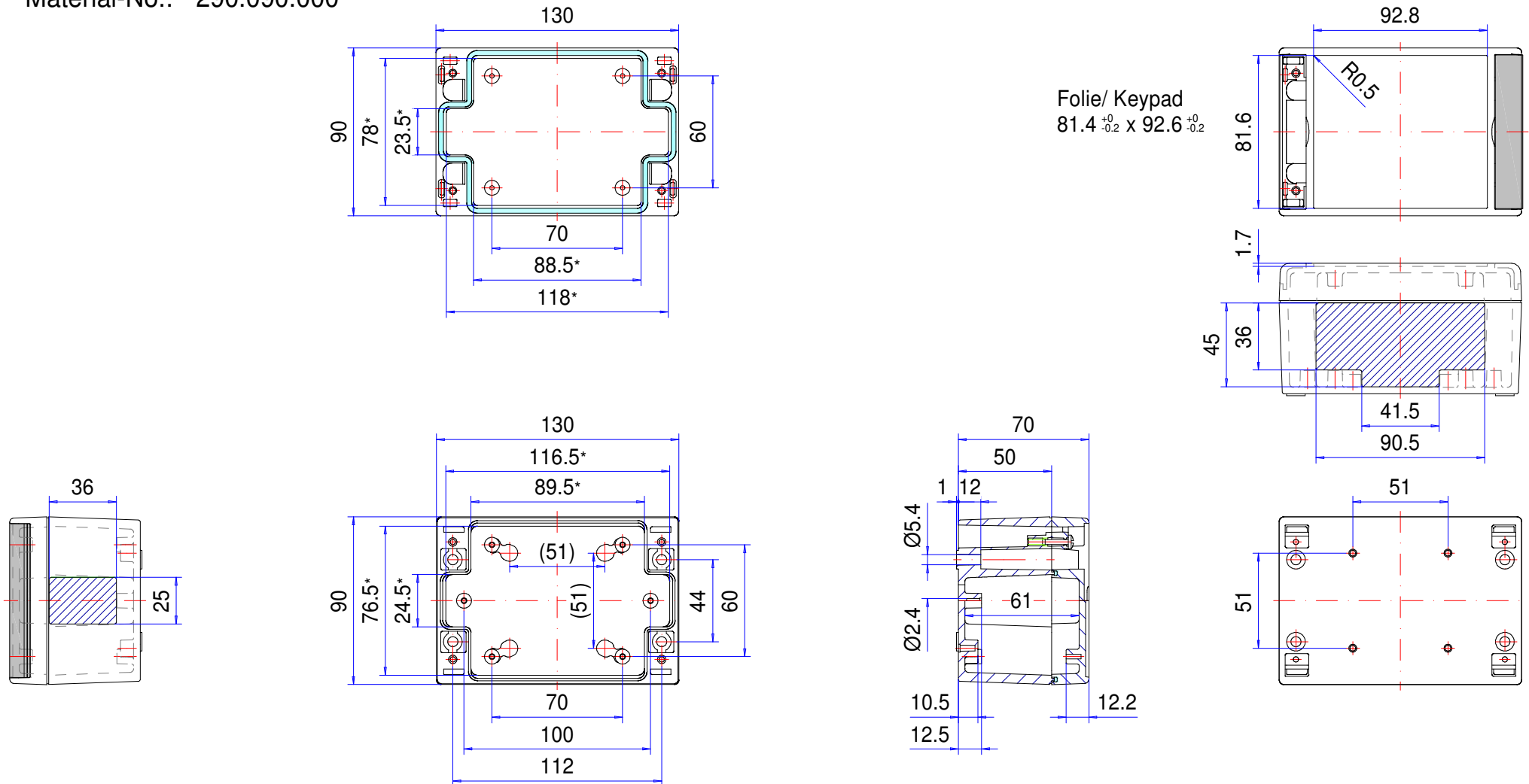


# Enclosure series technoPLUS



Type: TP 090

Material-No.: 290.090.000



Folie/ Keypad  
81.4<sup>+0.0</sup><sub>-0.2</sub> x 92.6<sup>+0.0</sup><sub>-0.2</sub>

\* Please note: Mould slope for casting ejection, dimensions in the amount of the bottom!

Enclosure material	LURAN S 778T UV, RAL 7035, light grey		Weight	272 g
Lid screws	4x 1.4567 (V2A), captive		Assembly screws	4x KBL Ø3x6,0, galvanized steel
Gasket	1x moulded gasket, silicone, transparent		Design covers	2x Polypropylen (PP), RAL 7016, anthracite grey
Ingress protection	IP67 EN 60529		Tolerance	DIN ISO 16901-130 (outside dimensions ±0.5mm)

**290.090.000**  
**technoPLUS TP 090**



**Product overview**

Material	ASA LURAN UV
Protection Class	IP 66/EN 60529, IP 67/EN 60529, IP 69K
Color	RAL 7035
Length (L)	5.12 inch
Width (W)	3.54 inch
Height (H)	2.76 inch
Weight (g)	260 g

## **technoPLUS**

### THE PREMIUM ENCLOSURE FOR ELECTRONICS & DEVICES

#### **IP 66 - Optional: IP 67 or IP 69K**

##### **The key product features:**

- Enclosure material: ASA, UV-stabilized
- Enclosure surface: similar to RAL 7035
- The enclosure can be mounted when the lid is fitted
- Design covers from PP, RAL 7016
- Integrated lid support
- Lid screws stainless steel 1.4567
- Integrated recess in cover for membrane keypad or front plate
- Fire protection class UL-94 HB
- Enclosure seal: Silicone molded gasket

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technoPLUS is a range of advanced pole mount enclosures made from UV-resistant ASA which is specifically designed for outdoor electronics equipment. These designer enclosures can be supplied with a unique pole/mast attachment which is designed for fast and secure mounting with plastic or metal straps.

Standard features include a recessed lid for fitting a membrane keypad, face plate or product label, hinged design covers that hide the lid screws and mounting channels, and lid retaining supports for holding the lid in place when the enclosure is open. The enclosures can be mounted without opening the lid which means your electronics remain protected at all times. Screw bosses are provided inside for fitting circuit boards, mounting plates, terminal rails etc. Compatible cable glands and other accessories are also available.

We can supply technoPLUS enclosures fully customized to your requirements.

#### **Enclosure sizes**

5

#### **Further information**

Integrated recess in the lid for membrane keypad or front plates

Integrated lid support made from polypropylene (PP)

Optional: Mast support

#### **Enclosure**

ASA, UV-stabilised, similar to RAL 7035 light gray

2° mold slope for casting ejection > internal circumference dimensions decrease by 2° towards enclosure base.

Clip-on design covers, plastic polypropylene (PP), RAL 7016 anthracite gray

Special materials and colors on request

#### **Flammability**

UL 94 HB

### **Fastening**

Separate screw channels outside of the enclosure interior, enclosure to be fastened while the lid is closed

### **Internal mounting**

Fastening option for self-grooving screws on the base of the enclosure and in the lid

### **Ingress protection**

IP 66 / EN 60529

Optional: IP 67 / EN 60529, IP 69 K / ISO 20653

### **Gasket**

Silicone molded gasket

Optional: EMC gasket

### **Lid screws**

Stainless steel 1.4567, captive

### **Customizing**

Learn more about our [full customizing service for installation-ready enclosures](#)

# Full-Service-Products

Customization according to your wishes.



Our passion is enclosures.



Expert advice

Everything begins with individual advice. We'll be pleased to support you with your project and find solutions for every requirement. Customer-specific solutions are our speciality.



Sample service

Test our products with your internal mounting. We'll be pleased to send you a sample enclosure for inspection with no strings attached.



Drilling

We'll manufacture every enclosure for you according to your exact specifications – whether they involve precise drilling or large tolerance.



Milling

Thanks to our modern CNC production, we can quickly and efficiently mill custom-fit cut-outs and contours to match your exact specifications.



Engraving

Our services also include engraving your logo and other elements, which we can of course perform in any colour you desire.



Lasering

We can process stainless steel enclosures and plates quickly and reliably according to your individual requirements thanks to our in-house lasering centre.



Powder coating

We can powder coat enclosures, command enclosures and suspension systems in any RAL colour you desire. Custom colours are of course also possible.



Painting

We can also paint all our enclosures in any RAL colour you desire. The application of primer and special colour structures are possible, as well.



Serigraphy

If desired, we can apply your logo and lettering or other markings using serigraph printing.



Digital printing

Digital printing is particularly worthwhile for low-volume orders and for realising complex patterns or images.



EMC enclosures

We offer our conFORM low-price standard EMC enclosure to protect your internal mounting against electromagnetic radiation. On request, we can also supply an EMC-compliant version of any other ROLEC enclosure.



Displays

We are able to offer the right made-to-measure display for all our enclosures – in varying sizes and degrees of robustness depending on the application.



Accessories

ROLEC's portfolio also includes matching front plates, mounting plate, supporting rails and terminal blocks as well as a range of cable glands, blanking plugs etc.



Assembly

Would you like to have all your components supplied already assembled? No problem. Our assembly team will be pleased to perform all assembly work on your behalf.



Our Service

If you have any requirements for services not listed here, please ask us. Customer-specific solutions are our speciality. We also are keen to take on unusual tasks.

We will help you with those challenges that many others would give up on.