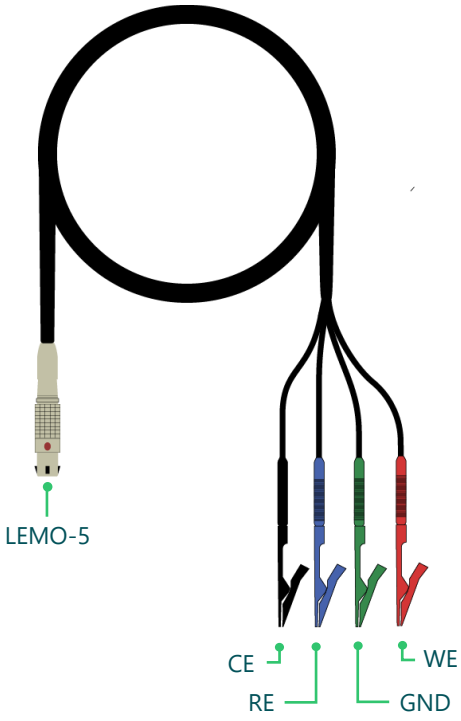
Technical Datasheet

# BANANA-LM5-CABLE




## General Description

| | |
|---|---|
| Product name: | Banana-LM5-Cable |
| Product part number: | ZP4000408 |
| Revision number: | v0.3 |

## Product Description

The Banana-LM5-Cable provides the interface between the AnaPot EIS potentiostat with external electrochemical cells and sensors via standard banana plug connections for Working (WE), Counter (CE), and Reference (RE) electrodes, with an additional Ground (GND) connection. The cable is terminated with a 5-pin LEMO connector.

Crocodile clip adapters for the Banana plugs are included.

## Dimensions

| | |
|---|---|
| Total Cable Length | 815 ± 15 mm |
| Cable Diameter | 4.8 mm |
| Banana Plug Length | 12 mm |
| Banana Plug Diameter | 2.0 ± 0.2 mm |
| Weight | 47 ± 1 g |

## Materials

BANANA PLUGS
Nickel-plated brass, Nylon

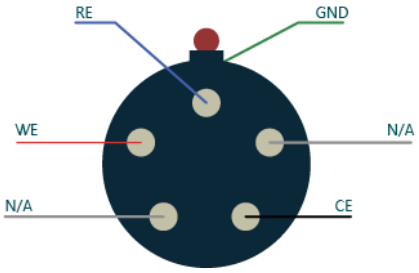
LEMO-5 CONNECTOR
Brass with Nickel and Chrome plating

CABLE JACKET
PUR, halogen-free

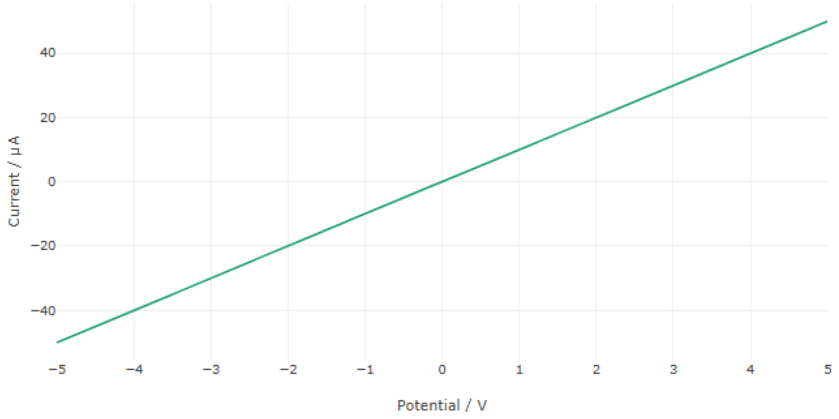
INSULATION
PP, halogen-free

CONDUCTOR
Copper

## LEMO-5 Pin Configuration



## Performance




An example verification curve is shown for an applied potential sweep from −5 V to +5 V and a current range of 10 nA to 10 mA, measured using a 100 kΩ validation resistor. The cable may be operated beyond the potential and current ranges presented. However, electrical performance has only been verified within the stated conditions. Use beyond these conditions is at the user's discretion and has not been validated.

For the most convenient usage, we recommend using the cable with ZP-supplied singulated sensors and ZP SPE connector cable.

## Components and Hazards

This product does not require material disclosure under applicable regulations.

## Storage

Recommended to store in an ESD safe environment, 2-35 °C temperature and 20-50% RH.

## Disclaimer

Please note that this product is intended solely for research and development applications. It is designed to be utilized specifically in electrochemical test setups.

For further information or to discuss specific application requirements, please contact ZP directly.