

# DPY-1113

## Add-on display kit to TEC controllers

The **DPY-1113** is an add-on display kit for TEC Family Peltier controllers. The format and information to be displayed can be freely chosen using the TEC Configuration Software. This includes all available parameters such as temperature, voltage, current, and status.

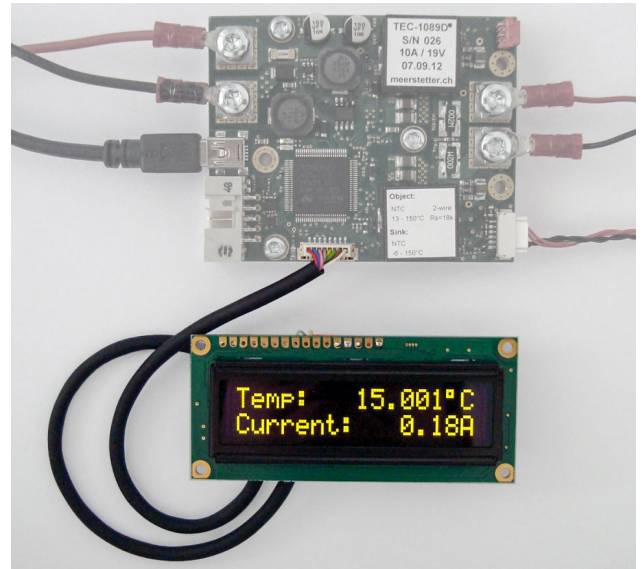
This ready-to-use kit including a cable and connector is particularly suitable for standalone operation of single- or dual-channel controller setups.

## HIGHLIGHTS

- 2 × 16 Char OLED Display
- Yellow characters
- Cable length: approx. 50 cm
- Supported devices: TEC-Family Peltier Controllers (TEC-1089, TEC-1090, TEC-1091, TEC-1092 (only when used with EVL-1093), TEC-1122, TEC-1123, TEC-1161-xx, TEC-1162, TEC-1163, TEC-1166, TEC-1167)
- **Required Firmware Version:**  $\geq$  v1.60
- Configuration information is provided in the TEC-Family [user manual](#).

### Trial Device & Technical Support

Trial devices and technical support are available for evaluation projects. Please contact [support@meerstetter.ch](mailto:support@meerstetter.ch) or visit our [support center](#).



## RELATED PRODUCTS

| Model           | Type    | Size        | Description                           |
|-----------------|---------|-------------|---------------------------------------|
| TEC Controllers | Device  | -           | TEC controller to connect the display |
| DPY-1114        | Display | 4 × 20 Char | bigger display, double the lines      |
| DPY-1115        | Display | 2 × 16 Char | blue characters, smaller size         |

See the [full product overview](#) in the Meerstetter Engineering's Product Compatibility section.

## TABLE OF CONTENTS

|   |          |
|---|----------|
| <b>1 Mechanical Data</b>                                  | <b>3</b> |
| <b>2 All Meerstetter Engineering Products</b>             | <b>4</b> |
| 2.1 Meerstetter Engineering's Product Compatibility ..... | 4        |
| <b>3 Change History</b>                                   | <b>5</b> |



## 2 ALL MEERSTETTER ENGINEERING PRODUCTS

### 2.1 Meerstetter Engineering's Product Compatibility

The Laser Diode Drivers and TEC Controllers from Meerstetter have been developed to work along with each other. They share the same platform bus, communication protocol and hardware architecture. See the following table for an overview of the Laser Diode Drivers and TEC Controllers from Meerstetter Engineering:

| Model                      | Output            | Description                                     |             |
|----------------------------|-------------------|---|-------------|
| <b>Laser Diode Drivers</b> |                   |   |             |
| LDD-1321                   | 0–1.5 A / 0–14 V  | CW, Add-on TEC Controller available             |             |
| LDD-1301                   | 0–20 A / 0.5–45 V | 1 ms – CW                                       |             |
| LDD-1303                   | 0–20 A / 1–120 V  | 1 ms – CW                                       |             |
| LDD-1137                   | 0–75 A / 0–70 V   | 1 ms – CW                                       |             |
| LDD-1124                   | 0–1.5 A / 0–15 V  | CW, modulated modes                             |             |
| LDD-1121                   | 0–15 A / 0–15 V   | 1 $\mu$ s – CW, modulated, QCW and pulsed modes |             |
| LDD-1125                   | 0–30 A / 0–27 V   | 1 $\mu$ s – CW, modulated, QCW and pulsed modes |             |
| <b>TEC Controllers</b>     |                   |   |             |
| Single-Channel Models      | TEC-1092          | $\pm 1.2$ A / $\pm 9.6$ V                       | Micro       |
|                            | TEC-1091          | $\pm 4$ A / $\pm 21$ V                          | Small       |
|                            | TEC-1089          | $\pm 10$ A / $\pm 21$ V                         | Medium      |
|                            | TEC-1162          | $\pm 5$ A / $\pm 56$ V                          | Medium-high |
|                            | TEC-1090          | $\pm 16$ A / $\pm 30$ V                         | Large       |
|                            | TEC-1163          | $\pm 25$ A / $\pm 56$ V                         | Extra-large |
| Dual-Channel Models        | TEC-1161-4A       | 2 x ( $\pm 4$ A / $\pm 21$ V)                   | Small       |
|                            | TEC-1161-10A      | 2 x ( $\pm 10$ A / $\pm 21$ V)                  | Medium      |
|                            | TEC-1122          | 2 x ( $\pm 10$ A / $\pm 21$ V)                  | Medium      |
|                            | TEC-1166          | 2 x ( $\pm 5$ A / $\pm 56$ V)                   | Medium-high |
|                            | TEC-1123          | 2 x ( $\pm 16$ A / $\pm 30$ V)                  | Large       |
|                            | TEC-1167          | 2 x ( $\pm 25$ A / $\pm 56$ V)                  | Extra-large |

### 3 CHANGE HISTORY

| Date of change   | Version | Changed / Approved | HW Version |
|--|---------|--------------------|------------|
| April 17, 2026   | E       | NJ / SR            |            |
| <b>Change / Reason</b> <ul style="list-style-type: none"><li>• Mod: Datasheet design</li><li>• Add: Change history</li></ul> |         |                    |            |

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Meerstetter Engineering GmbH (ME) reserves the right to make changes without further notice to the product described herein. Information furnished by ME is believed to be accurate and reliable. However typical parameters can vary depending on the application and actual performance may vary over time. All operating parameters must be validated by the customer under actual application conditions.