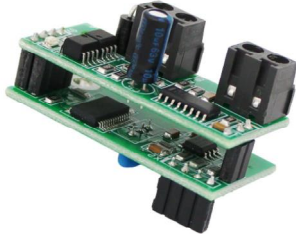


## Plug-in adaptor for devices Tankspion LX-2 (R) and Smartbox 1 - 3



M-Bus adaptor plug connection

### Plug location:

The adaptor is inserted into the designated slot on the display device.

The M-Bus line must be connected to the right two-pole output terminal.

### Temperature Measurement Input:

The adaptor also features an optional temperature measurement input.

If this function is not used, the contact bridge in the left terminal block remains inserted.

### M-Bus Device Addressing:

The M-Bus adaptor supports primary addressing; secondary addressing is not possible.

The device address can be configured via M-Bus (2400 baud) and must be defined before commissioning.

### Delivery Condition:

In its factory default state, the primary address is set to 99.

### Address Change:

For the aforementioned display devices with firmware version V8.0(+) or higher, the M-Bus address can be set in the settings menu under step 17(c).

Alternatively, the adaptor can also be assigned its final primary address via an M-Bus command:

- First, address the device at address 99.
- Then set the desired new address.
- When using multiple devices, their addresses must not conflict!

### Temperature Measurement Function:

If the temperature measurement function is utilized, a PT-1000 sensor or, for example, a suitable surface-mounted sensor for temperature measurements can be connected to the left terminal block. TECSON also offers level measurement probes with an integrated temperature sensor to measure both the fill level and the temperature of the liquid simultaneously.

### Data Display and Transmission:

If the temperature measurement input is activated, the determined temperature value is displayed directly on the tank indicator.

Additionally, the temperature value is transmitted as a measured value in the M-Bus protocol.

