

Connection cable 5 meter long



Remote display FOX-MD1



Surface Mounting frame is enclosed in package



Sideview

Remote display FOX-MD1

The FOX-MD1 is a remote display for SunWare charge controller FOX-220 and FOX-320. In the large two-line display measured data from the connected devices can be read comfortably and numerous parameters of the regulators can be set. Made in Germany.

Product Features

- Remote display for FOX-220 and FOX-320
- Two-line display with 20 characters
- Display with backlight
- Pressure-sensitive keypad
- Extensive data informations & setting options
- Clear menu guidance for easy operation
- Suitable for built-in and surface mounted device
- Surface mounting frame always enclosed
- Connection cable enclosed, 5 meter length
- max. 10m cable possible

The FOX-MD1 is a remote display for diverse FOX-charge regulators. The connection to the charge regulator has to be done by a complete pre-assembled cable.

The large display with backlight can be read easily even in dark environment. Depending on the connected devices the FOX-MD1 displays numerous data. Furthermore, depending on the connected regulator parameter values and function settings of a solar system can be changed.

The FOX-MD1 can be used as built-in or surface mounted device. A surface mounting frame is enclosed by every FOX-MD1.

The FOX-MD1 measures the charge and discharge current and also the current produced by the panels.

| | FOX-MD1 |
|-----------------------------|---------------------------------|
| Energy consumption | 3mA |
| with backlight | 50mA, 10sec. |
| Environmental conditions | -25°C ... + 50°C non-thawing |
| Storage conditions | -25°C ... + 80°C |
| Plug-in socket | Rj45 |
| Cable type | Ethernet CAT5 |
| max. cable length | 10m |
| Socket pin assignment | |
| pin 1 | +5V |
| pin 2 | ground |
| pin 3 | TX |
| pin 4 | RX |
| Weight | 150g |
| Dimensions | 150,0 x 58,5 x 42,1mm (LxWxH) |
| Dim. surface mounting frame | 156,9 x 65,4 x 41,0mm (LxWxH) |

Technical changes reserved. State 02/2013



RANGE OF APPLICATIONS

- For motor boats and sailing yachts
- For camping and caravan
- For mobile current supply
- For industry, shipping and building sector

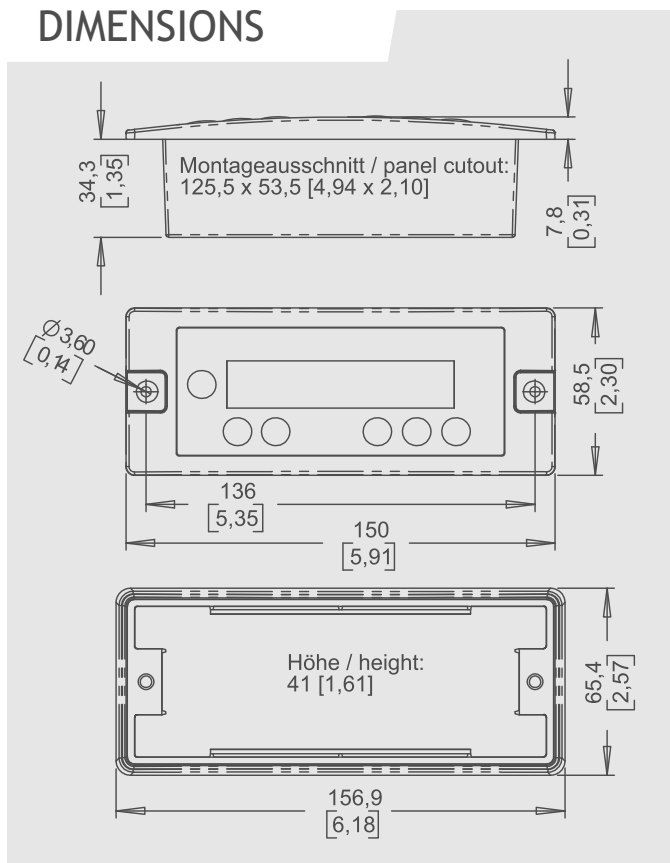


MOUNTING

Simply plug in the 5m long connecting cable in to the FOX-MD1 and in to a FOX charge regulator (e. g. FOX-320). Then place the FOX-MD1 in the surface-mounting frame and secure with 2 screws.

The FOX-MD1 can alternatively be placed in a panel cutout of 125,5 x 53,5 mm and fixed with 2 screws.

DIMENSIONS



DISPLAY SCREENS

Below are shown the display screens when the FOX-MD1 is connected to the FOX-320:

```
+Battery 1 = 13.3V
ICharge    = 00.0A
```

```
+B1=13.3V B2=13.3V
IC=00.0A  IS=00.0A
```

```
+B1=13.3V B2=13.3V
IC=00.0A  IO=00.0A
```

```
0%    +B1    100%
|||||
```

```
0%    +B2    100%
|||||
```

IC = charge current IO = discharge current
IS = current generated by solar panels