Remote display FOX-MD1

Connection cable 5 meter long

Remote display FOX-MD1

Surface Mountig
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 datas 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 datas. 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.

TECHNICAL DATAS

FOX-MD1

	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

CE

RANGE OF APPLICATIONS

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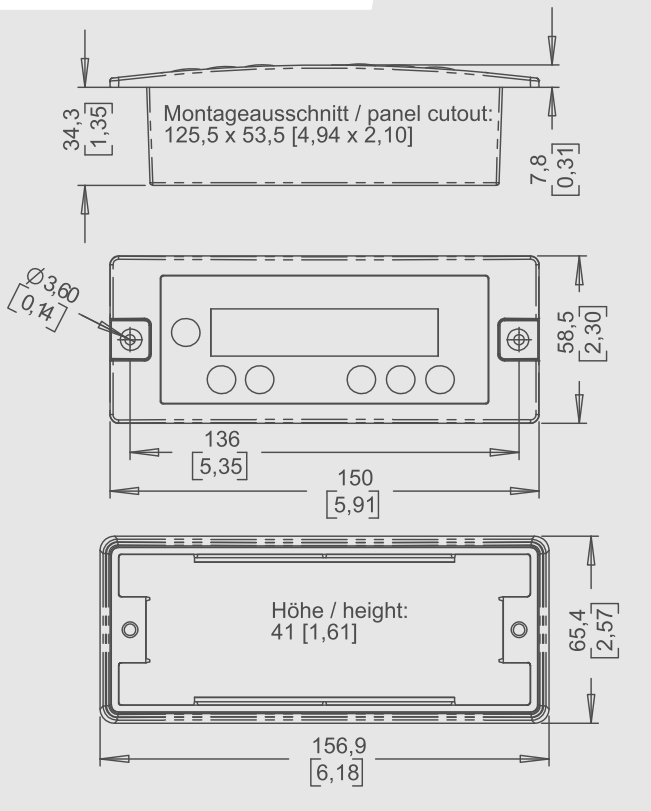- For industry, shipping and building sector

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 an panel cutout of 125,5 x 53,5 mm and fixed with 2 screws.

DIMENSIONS

34,3 [1,35]

Montageausschnitt / panel cutout:
125,5 x 53,5 [4,94 x 2,10]

7,8 [0,31]

Ø3,60 [0,14]

58,5 [2,30]

136 [5,35]

150 [5,91]

Höhe / height: 41 [1,61]

65,4 [2,57]

156,9 [6,18]

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