

# Weatherproof Telephone FernTel 3

Analogue desk/wall telephone  
for indoor and outdoor use

- ▶ Shock-resistant housing (Polycarbonat)
- ▶ Protection degree IP 65 acc. to IEC60529
- ▶ Option Handset can be fixed (stabiliser bracket)
- ▶ Ambient temperature -25°C to +55°C
- ▶ Call tone ≥ 95 dB(A), 1 m
- ▶ Direct key at Displayversion
- ▶ Receiver volume can be boosted
- ▶ Telefonbook at Displayversion
- ▶ PIN code
- ▶ ZB-Version with call tone unit
- ▶ Assembly-friendly
- ▶ Menu 4 languages

## Use as workshop telephone

The FernTel 3 is the ideal telephone for many different work areas.

## Application

The FernTel 3 telephone of FHF is as stylish for indoor use as it is resistant for outdoor use in areas without explosive atmospheres. The new FernTel 3 is the ideal telephone for many different work areas – seawater, high air humidity, dust and not exactly gentle mechanical stress are no problem for it.

Its modern design is the perfect "packing" for the finest high-tech.

Its striking signal colours ensure the FernTel 3 cannot be missed whenever a telephone is urgently needed, e.g. in emergencies in poor weather and light conditions.

The FernTel 3 is suitable for almost universal use thanks to its amazing transformability.

A deft hand movement and the desk telephone for indoor use is converted into a wall telephone for outside use. The FernTel 3 is offered in different variations. With 16 buttons without Display or with 21 buttons with Display. Both variations are offered with spiral cord or steel armoured cord. As addition, the FernTel 3 with Display has a direct key. Of course, there is the new FernTel 3 also as Hotline phone (ZB-Variant), with call tone unit.

In the casing-inside there is a keyboard for deposited that Hotline number. One becomes as accessories a stabiliser bracket for applications on movable machines, like for example on Ships.



## Technical specification

### Connection data

Supply voltage	24...66 Vdc
Supply current	19... 100 mA
Ringing alternating current	30...90 Vac
Ringing frequency	16.. 68 Hz
Enquiry key (flash)	only for DTMF 80 ms, 120 ms, 600 ms
Dialling procedure	
DTMF	Frequencies according to ITU-T Q.23 Tone duration unlimited or 90 ms
PD	Pulse/Pause ratio 1.5:1 (60/40 ms) or 2:1 (66.7/33.3 ms)
Ringing volume	Approx. 95 dB(A) at 1 m distance

### Housing

Housing material	Polycarbonat
Height x Width x Depth	293 x 191 x 128 mm
Weight	Approx. 2.3 kg
Display	2 lines, 16 positions per row, 7x 5 matrix Pictograms Menu 4 languages
Operating utilization position	Table or vertical wall mounting

### Receiver

Mouthpiece	Electret-foil microphone
Receiver inset	dynamic receiver inset with magnetic field generator

Connections Single- or multiwired up to 2.5 mm<sup>2</sup>

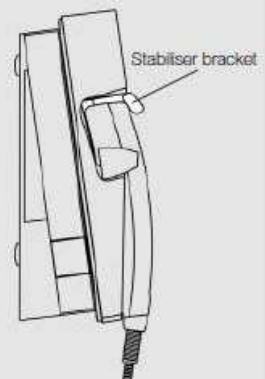
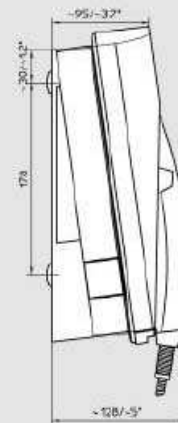
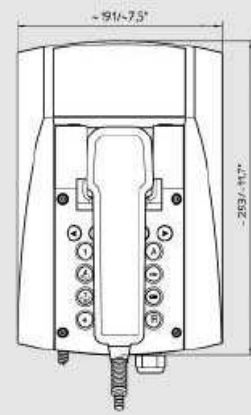
### Labelling

Power cable	TCP/La, TCP/Lb
Secondary sounder	W / W1

Environmental conditions	Phone	LCD Unit
Ambient operating temp.	-25°C...+55°C	-10°C...+50°C

Degree of protection acc. to IEC60529 IP 65

Cable glands:  
1x M20 cable gland  
1x M20 blind plug  
2x M12 blind plug



## Order information

\* The full article number is made up by appending the colour code for the coloured housing to the article numbers given below.

yellow	1
red	2
grey	7
black	0

Type	Name	Version	Art. no. *
FernTel 3	Desk/Wall Telephone	without display with spiral cord	112 300 2 ...
FernTel 3	Desk/Wall Telephone	with display with spiral cord	112 310 2 ...
FernTel 3	Desk/Wall Telephone	without display with flexible steel armoured cord	112 320 2 ...
FernTel 3	Desk/Wall Telephone	with display with flexible steel armoured cord	112 330 2 ...
FernTel 3 ZB	Desk/Wall Telephone	without keypad with flexible steel armoured cord	112 350 2 ...
Accessories	Stabiliser bracket		112 390 00