

## Analogue desk/wall telephone for indoor and outdoor use



### Introduction

The FernTel 3 telephone from FHF is as stylish for indoor use as it is resistant for outdoor use in safe areas.

Its striking signal colours ensure the FernTel 3 cannot be missed in a situation where a telephone is urgently needed, even in poor weather and light conditions.

The FernTel 3 is suitable for almost universal use thanks to its amazing transformability and can be mounted to either a wall or desk.

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. Additionally, some models of the FernTel 3 come with additional features such as telephone directory (display version) and hotline phone (ZB version).

### Features

- Shock-resistant housing (Polycarbonate)
- Protection degree IP 65 acc. to IEC60529
- Option Handset can be fixed (stabiliser bracket)
- Ambient temperature -25°C to +55°C
- Call tone  $\geq 95$  dB(A), 1 m
- Receiver volume can be boosted
- Telephone directory\*
- PIN code
- ZB-Version with call tone unit
- Assembly-friendly
- Menu 4 languages

*\*Model dependent.*

### Application Example:

#### Use as workshop telephone

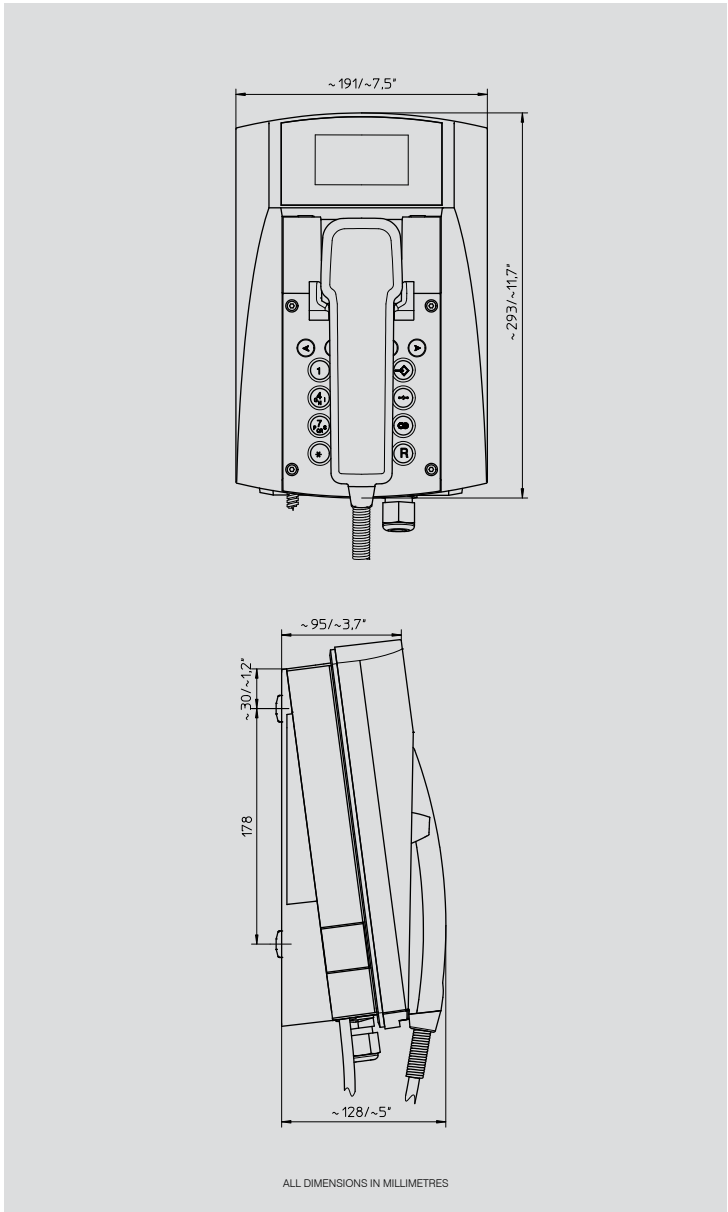
The FernTel 3 is the ideal telephone for many different work areas.



**IP65**  
Weatherproof

# Certification and Specification

<b>Environmental conditions</b>	
Ambient operating temp:	Phone -25°C...+55°C. LCD Unit -10°C...+50°C.
Degree of protection acc. to IEC60529:	IP 65.
<b>Connections</b>	
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.
<b>Dialling procedure</b>	
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.
<b>Housing</b>	
Housing material:	Polycarbonate.
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.
<b>Receiver</b>	
Mouthpiece:	Electret-foil microphone.
Receiver inset:	Dynamic receiver inset with magnetic field generator.
Connections:	Single- or multiwired up to 2.5 mm².
<b>Labelling</b>	
Power cable:	TCP/La, TCP/Lb.
Secondary sounder:	W / W1.
<b>Cable glands:</b>	
1x M20 cable gland.	
1x M20 blind plug.	
2x M12 blind plug.	



# Ordering Information

The full article number is made up by appending the colour code for the coloured housing to the article number given here (-).  
Yellow 1 | Red 2 | Grey 7 | Black 0

Type	Name	Version	Article no.
FernTel 3	Desk/Wall Telephone	without display - with spiral cord	F112 300 2 (-)
FernTel 3	Desk/Wall Telephone	with display - with spiral cord	F112 310 2 (-)
FernTel 3	Desk/Wall Telephone	without display - with flexible steel armoured cord	F112 320 2 (-)
FernTel 3	Desk/Wall Telephone	with display - with flexible steel armoured cord	F112 330 2 (-)
FernTel 3	ZB Desk/Wall Telephone	without keypad - with flexible steel armoured cord	F112 350 2 (-)
Accessories	Stabiliser bracket		F112 390 00