HVI-TEC Luescher

High **V**andal resistance and **I**ngress protection - **Tec**hnology
High **V**oltage **I**nterface - **Tec**hnology

Weatherproof Telephone FernTel 3

Analogue desk/wall telephone for indoor and outdoor use

Features:

- Housing made of impact-resistant plastic (polycarbonat)
- Protection class IP 65 according to IEC 60529
- Optionally handset can be locked (stabilization bracket)
- Ambient temperature -25°C to +55°C
- Call tone ≥ 95dB at 1m distance
- Direct key in display version
- Phone directory in display version
- ZB-variant with call tone unit
- Easy installation
- Volume amplification
- PIN code
- Menu in 4 languages

Overview:

The FernTel3 Telephone is characterized by an elegant design for indoor uses as well as a high resistance for uses in outdoor facilities with non-explosive environments. The FernTel3 is the ideal device for a number of different operation sites – no matter if exposed to seawater, high humidity or extensive mechanical strain. Its modern design represents a perfect "packaging" for the finest high tech. Moreover, its striking signal colors ensure that the FernTel3 cannot be missed whenever a telephone is urgently needed, e.g. in case of an emergency in poor weather and light conditions.

The FernTel3 is suitable for almost universal use thanks to its amazing transformability: With a flick of the wrist the desk telephone for indoor use is converted into a wall-mounted device for outdoor applications.
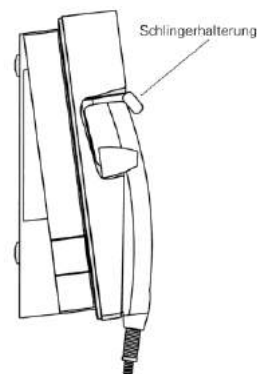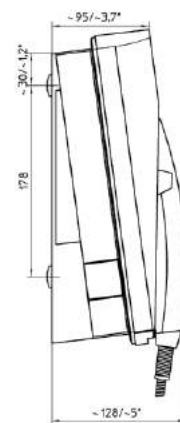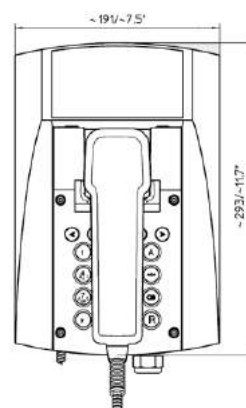
The FernTel3 is available in different variants: with 16 keys without display or with 21 keys with display. Both variants may be equipped with a spiral cord or armored cord.

The FernTel3 with display is equipped with an additional direct key. Of course, the FernTel3 is also available as hotline telephone (ZB variant) with call tone unit. A keypad inside the housing is used to store the hotline number. For applications on moving machines, e.g on ships, a handset stabilization bracket is available.

Technical Data

Supply voltage	24VDC to 66VDC
Supply current	19mA to 100mA
Ringing AC voltage	30VAC to 90VAC
Ringing frequency	16Hz to 68Hz
Enquiry key (flash)	Only for DTMF 80ms, 120ms, 600ms
Dialing	
MFV	Frequencies acc to ITU-T Q.23 tone duration unlimited or 90ms
IWV	Pulse-pause ratio 1.5:1 (60/40ms) or 2:1 (66,7/33,3ms)
Housing Material	Polycarbonat
Height x width x depth	293mm x 191mm x 128mm
Weight	approx. 2,3kg
Display	2 lines, 16 positions per row, 7x 5 matrix, pictograms, 4 languages
Ringing volume	≥ 95dB at 1m distance
Operating position	Desk or vertical wall mounting
Receiver	
Mouthpiece	Electret microphone
Earpiece	Dynamic capsule with magnetic field
Connections	Single-wire or multi-wire up to 2,5mm²
Labelling	
Connection cable	TCP/La,
Secondary sounder	TCP/Lb
Operating temperatures	
Telephone	-25°C to +55°C
LCD unit	-10°C to +50°C
Cable glands	1x M20 cable gland
	1x M20 blind plug
	2x M12 blind plugs
Casing enclosure	IP 65 according to IEC 60529

Ordering data

* The full article number is made up by appending the color code to the article numbers given below.

Type	Designation	Model	Article number*
FernTel 3	Desk/Wall telephone	without display, with spiral cord	FHF 112 300 2
FernTel 3	Desk/Wall telephone	with display, with spiral cord	FHF 112 310 2
FernTel 3	Desk/Wall telephone	without display, with armored cord	FHF 112 320 2
FernTel 3	Desk/Wall telephone	with display, with armored cord	FHF 112 330 2
FernTel 3	Desk/Wall telephone	without keypad, with armored cord	FHF 112 350 2

Accessories

	Stabilization bracket	FHF 112 390 00

Color code

yellow	1
red	2
grey	7
black	0