

Analogue desk/wall telephone for areas with explosive atmospheres Zone 2, 22



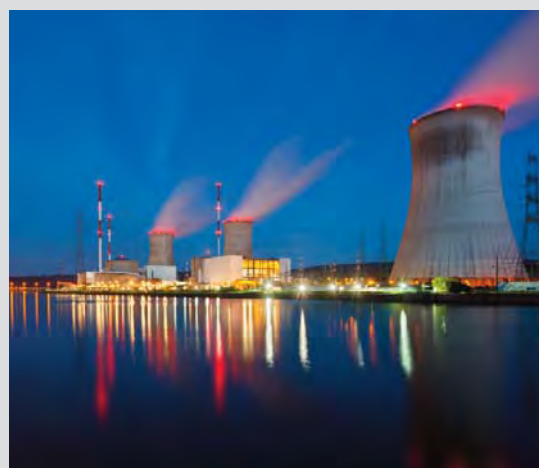
Features

- Protection degree IP 65
- Stabiliser bracket (optional)
- Ambient temperature -20°C to +55°C
- Call tone ≥ 95 dB(A), 1 m
- Explosion protection class
 - II 3 G Ex nA L IIC T5
 - II 3 D Ex tD A22 IP65 80°C

Application Example:

Telephones for Ex Zone 2, 22

The new FernTel 3 / Zone 2 is the ideal telephone for many different work areas in Zone 2 and 22.



Introduction

The new telephone for use in areas with explosive atmospheres in Zone 2 and 22. Its housing is made of impact resistant and shockproof Polycarbonate and approved for Zone 2 and 22 according ATEX.

Its striking signal colour ensures the FernTel 3 / Zone 2 cannot be missed whenever a telephone is urgently needed.

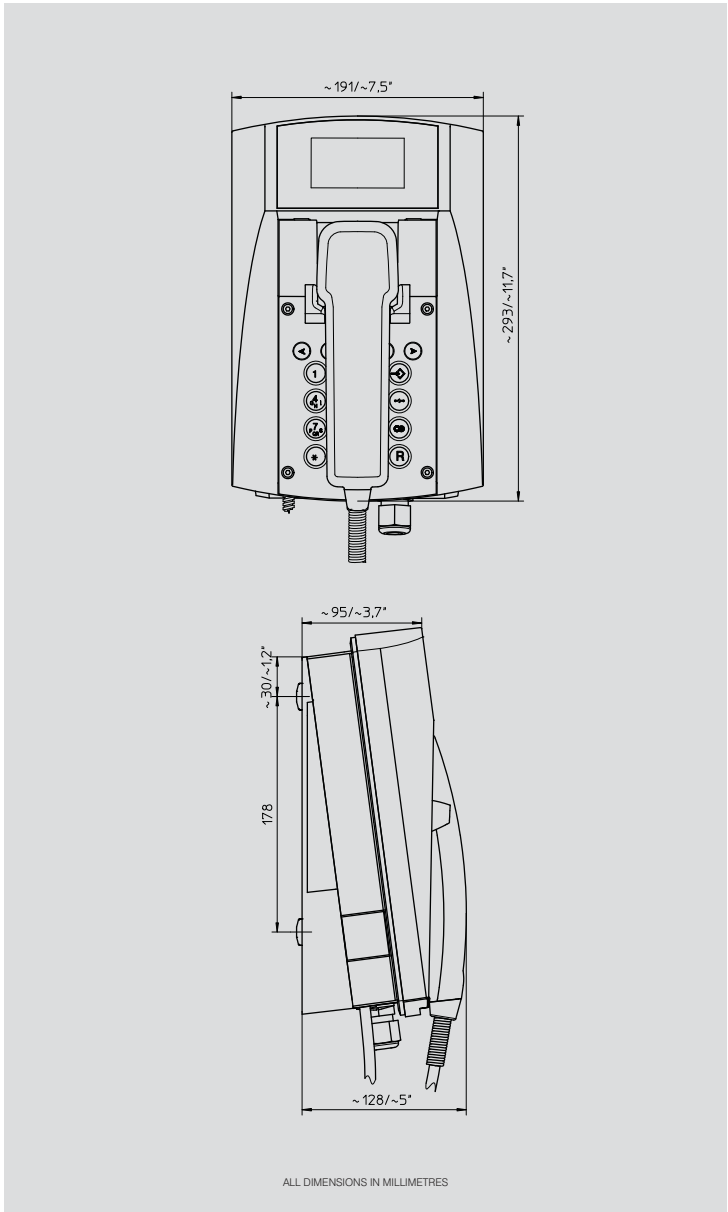
The resistance of housing and use of screws of stainless steel are especially advantageous for use in areas with high air humidity and explosive atmospheres.

This telephone can be mounted to a wall or desk.



Certification and Specification

Certification	
Expl. protection class:	II 3 G Ex nA L IIC T5. II 3 D Ex tD A22 IP65 80°C.
Net access, Acoustics:	TBR 21, TBR 38.
Electrical Safety:	EN60950.
Call tone:	≥95 dB(A), 1 m.
Ambient conditions	
Display:	-10°C to +55°C.
Operating temperature:	-20°C to +55°C.
Transport and storage temperature:	-25°C to +70°C.
Protection degree:	IP 65.
Connection data	
Call frequency programmable:	16...68 Hz.
Pulse-break ratio programmable:	1,5 : 1 60/40 ms. 2 : 1 66.7/33.3 ms.
MFV:	According to CCITT Q23.
Flash time Approx:	80 ms, 1 ms...999 ms programmable.
Line voltage:	24 to 66 VDC.
Housing	
Height x width x depth Approx:	293 x 191 x 128 mm.
Weight Approx:	2.3 kg.
Operating position:	Desktop or vertical wall mounting.
Handset	
Transmitter capsule:	Electret microphone.
Connections	
Wire:	Up to 0.25 mm², wire to 2.5 mm².
Incoming telephone line:	TCP/La, TCP/Lb.
Secondary bell:	w1, w.
Cable glands	
1 cable gland handset. 1 cable gland M 20 x 1.5. 1 blind plug M20 x 1.5. 2 blind plugs M12 x 1.5.	



Ordering Information

For ATEX and IECEx units, 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 | For Inmetro certified units please add (45) to the article no.

Type	Name	Version	Article no.
FernTel 3 / Zone 2	Desk/Wall Telephone	without Display spiral cord	F112 400 2 (45)(-)
FernTel 3 / Zone 2	Desk/Wall Telephone	with Display spiral cord	F112 410 2 (45)(-)
FernTel 3 / Zone 2	Desk/Wall Telephone	without Display armoured cord	F112 420 2 (45)(-)
FernTel 3 / Zone 2	Desk/Wall Telephone	with Display armoured cord	F112 430 2 (45)(-)
FernTel 3 / Zone 2	Stabiliser bracket		F112 390 00