

Explosion-Proof Telephone dFT3 FernTel 3 – zone 2



FernTel 3

Telephones in explosion endangered zones 2 or 22



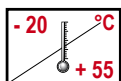
The FernTel 3 - zone 2 is an ideal product for a variety of different production sites in zone 2 and 22.

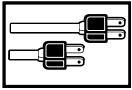
Features

- ▶ well designed, analogue telephone for use in explosion endangered atmospheres of zone 2 and 22
- ▶ for use in areas in which explosion endangered atmospheres can develop due to manufacturing reasons (e.g. in chemical and petrochemical industries due to gases, vapours, sprays etc.)
- ▶ housing made of polycarbonate, stainless steel screws
- ▶ housing colours yellow, red, grey or black
- ▶ can be used as desk or wall telephone
- ▶ models with or without display
- ▶ option: receiver can be firmly fixed – stabilizer bracket
- ▶ call tone approx. 95 dB (A) in 1 m
- ▶ ATEX certified



II 3G Ex nAnL IIC T5
II 3D Ex tD A22 IP65 T80 °C
Zone 2, 22

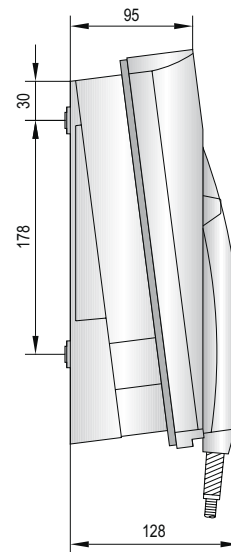
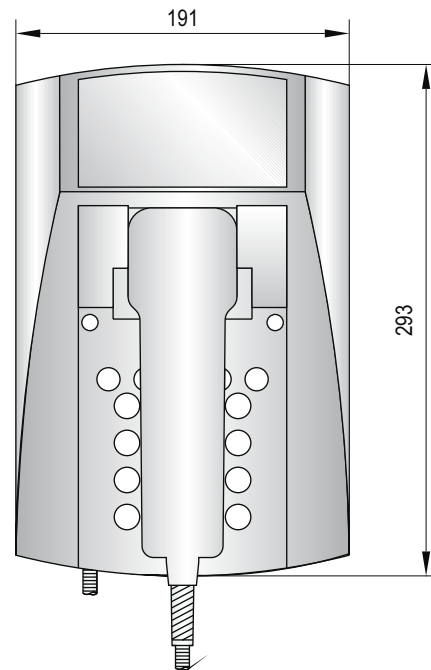




Technical data

General data	dFT3
Housing	polycarbonate
Operating position	desktop or vertical wall mounting
Weight	~ 2,3 kg
Receiver capsule	dynamic capsule with field
Transmitter capsule	Elektret microphone
Call tone	~ 95 dB (A) in 1 m

Connection data	
Line voltage	24 – 66 V DC
Call frequency	programmable: 16 – 68 Hz
Pulse-break ratio	programmable: 1,5 : 1 60/40 ms 2 : 1 66,7/33,3 ms
Dialling procedure	MFV according to CCITTQ 23
Flash time	~ 80 ms preset 1 ms – 999 ms programmable
Terminals	single or fine wire up to 2,5 mm ²
Cable entry	1 x M20x1,5 cable gland 1 x M20x1,5 blind plug 2 x M12x1,5 blind plug
Operating temperature	-20° C to +55° C (Display: -10° C to +55° C) Transportation/Warehouse: -25° C to +70° C
Explosion protection class	II 3G Ex nAnL IIC T5 II 3D Ex tD A22 IP65 80° C
Protection class	IP 65 (EN 60529)
Electrical safety	EN 60950
Net access, Acoustics	TBR 21, TBR 38
Incoming telephone line	TCP/La, TCP/Lb
Secondary bell	w1, w
Approval	BVS 09 ATEX E 061



Colour code

C

0	black	2	black/red
1	black/yellow	3	black/grey



Order data

Type	Order No.	Denomination
dFT3	410 400 C00	FernTel 3 – zone 2 ex-proof telephone, with display, spiral cord
	410 410 C00	FernTel 3 – zone 2 ex-proof telephone, without display, spiral cord
	410 420 C00	FernTel 3 – zone 2 ex-proof telephone, with display, armoured cord
	410 430 C00	FernTel 3 – zone 2 ex-proof telephone, without display, armoured cord
	410 400 900	stabilizer bracket for wFT3/dFT3