

DECT Handset with Explosion Protection

funktel FC1 Ex DG / FC1 Ex HS DG



scale 1:1

DECT voice communication and personal security combined in a single device

- Professional DECT business handset – smart design
- Robust housing
- Robust clip
- Protection class IP 65 (dust-protected, water jet proof)
- Convenient handling due to slim line and light weight
- Customized front design available on demand (abrasion-resistant)

Key benefits and features

- Clear high quality speech
- Loudspeaker and hands free operation
- Local telephone directory with 250 possible entries (PC-Admin-Tool)
- Vibrating alert
- MEM-Card for storage of local data (e.g. no re-entry or programming required for replacement phones)
- Programmable emergency button (even usable when keys are locked) DECT-GAP (Generic Access Profile) Compatible

Explosion protection

- Ex-approval for gas explosion protection according to latest directive 94/9/EG (ATEX)
- Ex-approval for dust explosion protection according to latest directive 94/9/EG (ATEX)*
- Special handset with order number 50 1010 5101 may be used with handset FC1 Ex HS and gas explosion protection available.

Technical Data

funktel FC1 Ex DG / FC1 Ex HS DG		
Dimensions	141 mm x 47 mm x 25 mm (plus clip)	
Weight	140 g (with rechargeable battery pack)	
Protection Class	FC1 Ex DG: IP 65 FC1 Ex HS DG: IP 65 (by use with headset: IP 40)	dust and water jet proof
Temperature range	Operation:	-10°C ... +55°C
	Charging:	+5°C ... +40°C
	Storage:	-25°C ... +55°C
	Transport (without rechargeable battery):	-25°C ... +70°C
	Transport (with rechargeable battery):	-25°C ... +60°C
Power supply	NiMH battery pack; 650 mAh	Changeable battery pack, secured by a screw
Airtime (full battery)	standby:	70 hours (typ.)
	talking:	7 hours (typ.)
	charging:	5 hours (typ.)
Frequency Range	1,88 GHz ... 1,9 GHz	
Transmitting power:	Average value:	10 mW
	Peak value:	250 mW
Acoustic signalling	79 dB SPL at a distance of 30 cm from the acoustic source	
Approval and EU conformity	This handset fulfils the basic requirements laid out in EU Guideline 1995/5/EU (Radio and Telecommunication Terminal equipment, R&TTE)	
Gas explosion protection	EC-prototype test certificate:	TÜV 03 ATEX 2244 X
	Identifier:	II 2 G EEx e ib IIC T4
Dust explosion protection*	EC-prototype test certificate:	IBExU03ATEX1216 X
	Identifier:	II 2 D IP 65 T 80°C

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