

## The Handset for optimum Personal Security

DECT Handset FC4 S Ex HS

Funktel introduces the next generation of robust industrial personal emergency signal handsets with integrated voice and data communication, based on DECT and offering explosion protection. The handset is designed to protect persons working solo or in potentially hazardous areas or situations.

The high-resolution, illuminated colour display, the newly designed symbol-based user interface and the keys including coloured menu keys, which are also illuminated, make operating the FC4 S Ex HS extremely easy and a pleasure.

The battery can be changed by the user and offers state-of-the-art power management; the manifold configuration options for operation and signalling, messaging functions as well as extensive call lists make the FC4 series handsets very ergonomic, thus adding safety for operation and information.

### Features:

- Explosion protection: gas zone 1 and 2
- 4 manual alarm types: big red emergency call button for emergency call alarm 1+2, separate button for warning alarm 1+2
- 4 automatic alarm types: position alarm, no-motion alarm, time alarm and loss alarm to identify attack situations
- Localisation with inductive localisation transmitters (fine) and DECT base stations (rough)
- Watchman control functionality with localisation display
- Automatic safeguarding of device functions using sensor and localisation tests prior to use, 24-hour test
- Individual programming of the alarm types, times for pre-alarm/alarm and for the corresponding signals
- Complete integration of emergency call functions into the unit's operating concept
- GAP compatible
- Degree of protection: IP65



## FC4 S Ex HS DECT Handset for optimum Personal Security

Technical Data		
Size	Dimensions (L x W x H):	Approx. 168 x 47 x 35 mm*
	Weight (with battery and clip)	Approx. 150g**
	Screen:	64k colors, 128 x 128 pixels
Degree of Protection and Temperature ranges	Explosion Protection Class: Gas zone 1 and 2	ATEX 2014/34/EU: II 2 G Ex ib IIC T4
	Degree of Protection:	IP65
	Operating Temperature:	Handset: -10 ... +55°C Charger: +5 ... +40°C
	Storage Temperature:	-25 ... +55°C (max. 1 month) 0 ... +25°C (max. 12 months)
	Shipping Temperature:	-20 ... +60°C (with battery)
Power Supply	Li-ion-battery:	700 mAh
	Charging time:	Approx. 5h
Battery Life	Standby:	Up to 150h
	Conitnuous conversation:	12-17h
DECT	Frequency range:	1,88 ... 1,9GHz
	Transmit power:	Average value 10 mW Peak value 250 mW
Acoustics	Acoustic signalling:	max. 93 dB (A) in 30 cm distance***

\*) With battery and clip

\*\*\*) With fully charged battery, depending on display illumination

\*\*\*) depending on the selected ringtone, suitable for use in noisy environments