Explosion-protected Mobile Phone Ex-GSM 01

Robust and safe! The Ex-GSM 01 is an intrinsically safe triband mobile phone for flexible communication - world-wide. The robust exterior protects the Ex-GSM 01 from impact and splash water. The changeable shells allow you to use either GPS or RFID, thus making the mobile phone an allround solution for your Ex-area.

Reliable, safe communication is indispensable for daily work in Ex-areas. The Ex-GSM 01 is an ATEX certified mobile phone for use in Zones 2 and 22 and always offers you the necessary safety for your work. The robust housing satisfies all requirements in accordance with the protection rating IP54 and is especially well suited for tough environments.

The Ex-GSM 01 is a triband mobile phone and supports all GSM 900/1800/1900 networks across the globe. Furthermore, the Ex-GSM 01 has an integrated push-to-talk functionality so that you can use your mobile phone as a radio unit*. Push-to-talk allows you to initiate direct voice communication with individuals or groups by simply pressing the PTT button.

The Ex-GSM 01 has numerous office functions such as an address book, calendar, task list, etc. – this turns your mobile phone into a mobile office. You can synchronise your mobile phone with MS Outlook (Version 2000 or higher) or Lotus Notes (Version 5.x or higher) using the PC suite included.

The changeable covers are practical and make it possible to easily replace the housing should it break or become damaged. Be sure to use the optionally available GPS or RFID shells and expand the functional range of your mobile phone. GPS makes it possible for you to locate people in emergencies, for example**.

RFID allows you to read, add, write back and send data by data transmission (via EDGE or GPRS) directly to a server – and all this in real-time.

The Ex-GSM 01 particularly distinguishes itself by its easy operation and versatile range of functions; it is the ideal partner for use in the factory or the office.

* Depends on your service provider.
** Only in connection with the proper GPS locating software.

- **Triband mobile phone for GSM 900/1800/1900 networks**
- **Passive-matrix display with 65,536 colours**
- **Push-to-talk functionality**
- **Data transmission via EDGE or GPRS**
- **Java™ MIDP 2.0 - to individually create your applications**
- **Integrated office functionality**
- **Synchronisation with MS Outlook (2000 or higher) or Lotus Notes (5.x or higher)**
- **Rechargeable Li-Ion battery with 820 mAh**

Standard delivery:
- Ex-GSM 01/EU
- Rechargeable battery BL-5B
- Charger ACP-12E
- Carrying strap
- Stereo headset HS-23
- Safety instructions

Accessories:
- Changeable covers
- GPS shell
- RFID shell

Ex-data:
Ex designation:
⟨Ex⟩II 3 G EEx nL IIC T6
⟨Ex⟩II 3 D EEx T75°C IP54
EC type examination certificate:
Requested

Technical Data:	
Networks:	Triband GSM 900 / 1800 / 1900 MHz
Data transmission:	EDGE Class 6 (up to 177.6 Kbit/s), GPRS Class 10 (up to 62.4 Kbit/s),
Display:	Passive-matrix display with 65,536 colours (128 x 128 pixel resolution)
Supply:	Li-Ion rechargeable battery with 820 mAh capacity
Talk time / stand-by:	max. 5h / max. 300h
Charging time:	approx. 2h
Dimensions:	106.5 x 46.8 x 23.8 mm
Weight:	100g
Protection rating:	IP54