



# FG 50

### Device data

Dimensions (W × D × H)	115 × 114 × 60 mm
Weight	410 g
Material	polycarbonate (housing)

### Certificates

Certificate	FCC, CE
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### Features

Display	2" FSTN display (240 × 128 pixels, LED backlight)
Processor	DSP 16 bit
Operation	membrane keypad

### Operating conditions

Operating temperature	-20 – 50 °C
Storage temperature	-20 – 50 °C
Humidity	15% – 90% non-condensing
Protection rating	IP 65
Non-permitted operating environments	in potentially explosive areas

### Power supply

Power supply	lithium ion battery (rechargeable) [1357-0002], built-in
Operating time, minimum	6 h
Operating time, maximum	40 h
Battery power	24 Wh
Charging time	< 6 h
Charging temperature	0 – 40 °C
Charging voltage	12 V
Charging current	0.6 A
Charger	M4 AC/DC adapter

## Locating

Transmitting frequency	512 Hz, 1100 Hz, 9950 Hz
Transmitting power	rechargeable battery: max. 1 W AC/DC adapter/vehicle cable: max. 0.5 W
Transmitting current	max. 100 mA
Transmitting voltage effective	max. 32 V

## Additional data

Shipping instructions	UN 3091: lithium metal batteries contained in equipment, or lithium metal batteries, packed with equipment net weight of battery/batteries: 0.096 kg
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## Assignment

System components of	FERROPHON system
For use with	AQUAPHON system