

FERROPHON[®] – Generator FG 150

A powerful generator for energizing electro-conductive pipelines



The powerful **FG 150** generator of the **FERROPHON[®]** system can energize electro-conductive pipelines directly or indirectly. The **FG 150** offers up to 50 W output, making it ideal for extreme locating ranges.



With direct energizing, the user can avail of ten factory-set frequencies between 512 Hz and 116 kHz. If the right frequency is not available, up to five extra individual frequencies can be installed on the **FG 150** in a frequency range from 200 Hz to 116 kHz. Pipelines are indirectly energized to 9.95 kHz or 41.7 kHz by built-in saddle coils.

The **FG 150** transmits a continuous alternating current with an output of 25 W. If more power is required, a pulsed alternating current (cycle: 1 : 2) of 50 W can be selected.

Thanks to its strong performance parameters, the **FG 150** generator perfectly complements all receivers from the **FERROPHON[®]** system, including the **UtiliTrac** and **UT 9000** receivers.

Technical data

| | |
|------------------------|--|
| Dimensions (W × D × H) | 500 x 260 x 190 mm |
| Weight | 8.3 kg |
| Power supply | Pb battery, built-in |
| Operating time | – minimum: 2 h – maximum: 50 h |
| Transmitting power | – with continuous signal: 25 W – with pulsed signal: 50 W |
| Transmitting current | – with continuous signal: 0.5 A – with pulsed signal: 1 A |
| Transmitting frequency | – direct energizing: 512 / 640 Hz 1.100 / 8.192 / 9.950 / 32.768 / 41.666 / 65,536 / 83.078 / 116.000 kHz – indirect energizing: 9.950 – 41.666 kHz |

Accessories



Terminal clamp L

- large terminal clamp
- jack plug



AC/DC adapter L for charging the FG 150

- input: 100 – 240 V
- output: 12 V= / 5 A
cylindrical connector, 4-pin
- version: Euro
(country-specific models are available for
USA/Japan, UK and AUS)



Vehicle cable L 12 V =

- input: universal plug 12/21 mm
- power cable
- up to 7 A load capacity

Please refer to our detailed offer for all other technical information and accessories.
108754 – 01/2022 – Subject to technical changes.