



The TURCK frequency generator FG1 is used for the simulation of NAMUR sensors according to DIN EN 60947-5-6 or NO contacts. The NO output is protected by a Zener diode and a self-restoring fuse which activates at approx. 200mA.

Isolating switching amplifiers or counter modules can be function tested with the frequency generator.

The decimal places 0.01 to 9.99 of the frequency, the frequency range 1 Hz to 10 kHz (i.e. 10 min⁻¹ to 100000 min⁻¹) as well as different pulse pauses in percentage can be adjusted with a coding switch.

Power supply is provided via a 9 V block battery, allowing operation for 60 hours with 500 mAh.

The device is switched on/off with a button at the front. The device turns off automatically after 20 min.

Power ON is indicated by a green LED at the front.



- Simulation of sensors according to DIN EN 60947-5-6 (NAMUR) or NO contacts
- Frequency range: 0.01...99,900 Hz (0.01...999,000 min⁻¹)
- Internal voltage supply via 9 V block battery (6 LR 61)

**Frequency generator
FG1 FREQUENZGENERATOR**

Type code	FG1 FREQUENZGENERATOR
Ident no.	6900277
Protection class	IP20
Ambient temperature	-25...+75 °C
Weight	442 g

Dimensions

