

FXT-37 - Analog sensor simulator

Appointment

Portable device Simulator FXT-37 is designed to simulate sensors with an analog interface: frequency sensors, pressure sensors, thermocouples, flow sensors, position angle sensors with 2 and 3 windings-transformers, selsyn, potentiometric sensors, etc.

Main technical characteristics:

Parameter name	Values
Number of channels	6 independent galvanically isolated channels
Kind of signal	Sinusoidal voltage / pulse sequences / AC voltage to reference voltage ratio / AC phase voltage ratio DC voltage / ratio of DC voltage to reference voltage
Type of communication line	2-, 3-, 4-wire scheme
Channel reference signal	External / internal support, simulated breakage, short circuit, support measurement, support load
The output signal of the channel	Simulation of open circuit, short circuit, winding resistance, signal measurement
Output signal parameter Range	Operating voltage value 0 ... 12 V, frequency 0 ... 10 000 Hz Constant voltage -15 ... +15 V
Additional functionality	- Displaying the time chart of the supply and output signal - Setting the number of generated pulses

