

FXT-38 - Resistive sensor simulator / tester

Description

Portable device Simulator FXT-38 is intended for:

- to simulate the signals of sensors that have characteristics of ohmic resistances (thermoresistors);
- to check the electrical parameters of sensors that have characteristics of ohmic resistances (thermoresistors).

It is used to check the functioning and operability of systems with channels for receiving and processing thermoresistance signals.

Simulated thermal resistances: P77, P85, P109, P125, etc.

Main technical characteristics:

| Parameter name | Values |
|--|--|
| Characteristics of the simulator channels | |
| Number of resistance simulator channels | 8 |
| Resistance playback Ranges (limits of the allowed playback error) | from 15 to 200 Ohms (± 0.05 Om) from 200 to 750 Ohms (± 0.1 Om) |
| The quantum of change of the resistance | of 0.005 Ohms |
| Communication with the object of control | 2 -, 3- and 4 wire lines |
| Additional States of each channel | "Open" and " short circuit |
| Characteristics of the tester's channels | |
| The number of channels resistance measurement | 1 |
| measuring Range resistance (the limit of permissible error of measurement) | from 5 to 1000 Ohms (± 0.005 Ohms) |
| Communication with the object of control | 2 -, 3- and 4-wire lines |

