

Recommended procedure for use

First and foremost, read the instruction manual and follow all safety precautions and use safe work practices.

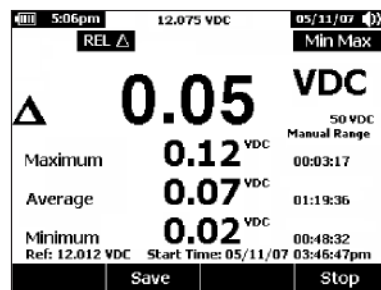
Using MIN-MAX-AVG function for signal monitoring

1. Select the appropriate meter function for the measurement to be monitored
2. Attach the test probes to the test points using suitable alligator clips or other connection devices that will allow for a solid connection while the monitoring process is in progress.
3. Once the leads are attached to the signal to be monitored, push the MIN MAX pushbutton once.



4. This starts the recording process. The Min Max symbol will appear.

The monitoring process is now underway and the meter is ready to capture and display any changes to the signal which may occur during the Min-Max recording process.



Min-Max in progress

Displayed readings

As you can see from the image because the 287/289 has a large easy to read dot matrix display all critical information is easily seen in the meter's display, the current date and time, the maximum, average and minimum values along with the elapsed time of each and the actual start time of the process.

Once the monitoring process is complete, but before disconnecting the test leads from the circuit, press the F4 Stop pushbutton. This retains the recorded values for viewing and saving. If the user doesn't press the F4 Stop pushbutton before disconnection of the leads the Minimum value would be lost and the Average value would be compromised.

In summary, the Min Max record mode contained within the Fluke 287 and Fluke 289 multimeters offer the users another very powerful troubleshooting tool by allowing the user to do unattended monitoring while looking for unusual signal events.

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