

## **1. Safety Precautions**

This product complies with the requirements of the following European Community Directives: 2014/30/EU (Electromagnetic Compatibility) and 2014/35/EU (Low Voltage) as amended by 2014/32/EU (CE-Marking). Overvoltage category I 600V; pollution degree 2.

- CAT I: For signal level, telecommunication, electronic with small transient over voltage
- CAT II: For local level, appliances, main wall outlets, portable equipment
- CAT III: Supplied from a cable under earth; fixed installed switches, automatic cut-off or main plugs.
- CAT IV: Units and installations, which are supplied over aerial line, which are stand in a risk of persuade of a lightning, i.e. main-switches on current input, overvoltage-diverter, current use counter.

Warning! Do not use this instrument for high-energy industrial installation measurement. To ensure safe operation of the equipment and eliminate the danger of serious injury due to short-circuits (arcing), the following safety precautions must be observed.

The meter is designed to withstand the stated max voltages. If it is not possible to exclude without doubts that impulses, transients, disturbance or for other reasons, these voltages are exceeded a suitable prescale (10:1) must be used.

- \* Do not exceed the maximum permissible input ratings (danger of serious injury and/or destruction of the equipment).
- \* The meter is designed to withstand the stated max voltages. If it is not possible to exclude without that impulses, transients, disturbance or for other reasons, these voltages are exceeded a suitable prescale (10:1) must be used.
- \* Replace a defective fuse only with a fuse of the original rating. Never short-circuit fuse or fuse holding.
- \* Disconnect test leads or probe from the measuring circuit before switching modes or functions.
- \* Do not conduct voltage measurements with the test leads connected to the mA/A- and COM-terminal of the equipment.
- \* To avoid electric shock, disconnect power to the unit under test and discharge all capacitors before taking any resistance measurements.
- \* Do not conduct current measurements with the leads connected to the V/ $\Omega$ -terminals of the equipment.
- \* Check test leads and probes for faulty insulation or bare wires before connection to the equipment.
- \* To avoid electric shock, do not operate this product in wet or damp conditions. Conduct measuring works only in dry clothing and rubber shoes, i. e. on isolating mats.
- \* Never touch the tips of the test leads or probe.
- \* Comply with the warning labels and other info on the equipment.
- \* Always start with the highest measuring range when measuring unknown values.
- \* Do not subject the equipment to direct sunlight or extreme temperatures, humidity or dampness.
- \* Do not subject the equipment to shocks or strong vibrations.
- \* Do not operate the equipment near strong magnetic fields (motors, transformers etc.).
- \* Keep hot soldering irons or guns away from the equipment.
- \* Allow the equipment to stabilize at room temperature before taking up measurement (important for exact measurements).