

## **1. Safety Precautions**

This product complies with the requirements of the following directives of the European Union for CE conformity: 2014/30/EU (electromagnetic compatibility), 2014/35/EU (low voltage), 2011/65/EU (RoHS).

Overvoltage category CAT III 690V /  
CAT IV 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, over-voltage-diverter, current use counter.

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.

- \* Do not use this instrument for high-energy industrial installation measurement. This instrument is intended for use in installation over-voltage category III.
- \* 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).
- \* 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.